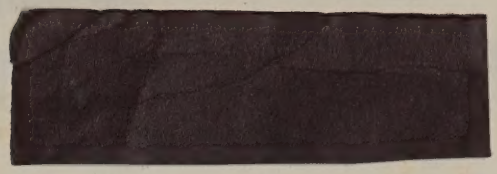
COMING EVENTS

Okeechobee Steakfest, Feb. 9 & 10th.
Pinellas Park Hamfest, Feb. 17th.
Treasure Coast, Vero Hamfest Mar.22 & 23rd
Ft. Walton Bch Swapfest Mar. 22 & 23rd.
Florida QSO Party, May 17 & 18th.
National QCWA Conv. Orlando, Nov. 1 & 2nd.
Late: OOTC QSO Party, Feb. 12-14 & 22-24th.
----------1 9 8 1 ----------
Orlando Hamfest, Mar. 13, 14 & 15th.
Any others? List early, avoid conflict ! !



florida SKIP

NON-PROFIT CORPORATION

VOL. 23 NO. 9 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION February 1980 Price 45c

THE ORLANDO HAMCATION

By Al Canning, WB4HAK, Chairman

Orlando HAMCATION '80 is now history! Nearly 4,000 hardy hams and many of their XYLS braved the snappy weather at the Sheraton Twin-Towers Convention Center over the Jan. 4-6 hamfest.

Many new products were unveiled by the commercial exhibitors in attendance. An all day Friday executive session was conducted by the ARRL long-range planning committee with League President Harry Dannals and Southeastern Division Director Larry Price in attendance.

Orlando ARC prexy "Buzz" Showalter and Al Cannng, HAMCATION chairman thank all who attended and look forward to seeing "you-all" at HAMCATION '81 and the big National ARRL Convention on March 13, 14 and 15, 1981!

OSCAR . . . "TRY IT, YOU'LL . . . "

By Jim Tumilty, W4MID AMSAT Rep.

Latest from AMSAT: Phase 3 launch is scheduled for 30 May 1980 in a window from 1200 to 1700 UTC. If you've been following the articles in QST you are aware of the exciting prespects of this newest OSCAR. Before you rush out and get geared up for Phase 3, do yourself a favor. Perfect your operating technique as well as your equipment on our current satellites, Oscar 7 and 8.

The ARRL publication, "Getting to Know OSCAR", is an excellent beginning. Mode A on both satellites, 2m. up and 10m. down, is the easiest way to get started. Check a current issue of QST for times you can hear OSCAR and give a listen to the 10m. downlink. CW and SSB are the primary emissions, NO FM. Uplink equipment on 2m. can be the most sophisticated multi-mode rig or a modified AM or FM "oldie but goodie". Antennas can be omni directional or beams. When you master mode A, the fun really begins with modes B and J.

Some sources of help and information: AMSAT area coordinators in Florida, Jim, W4MID, Orlando and Walt, W4DWN, Miami. AMSAT NETS — Sunday (time EST) 0800 on 7180 khz. W4MID NCS; 1300 on 14280 khz. and 1400 on 21280 khz. WA3NAN NCS. Also, Tuesday at 2000 on 3850 khz, with WA3NAN.

SPEED ARTISTS AGAIN

Have you noticed how much testing and calling and how few contacts these so called speed artists make?

The other day I tangled with one of them after no one would answer him. I told him if he wanted to send to himself, why not switch over to the dummy antenna and if he did not have a dummy he should give me his address and I would loan him nineteen bucks.

I was told to go back to the novice band where I belonged.

- - - - ONYX

Recently the Everglades QCWA chapter signed in new officers. L to R: K4HA administering oath to K4IDC Chairman; W2AS Vice Chmn; K4YY, Dir.; W2ENU, Sectry; and W9KA Tres. They meet for lunch, 1130AM, last Sat. of each month. See Directory for details. (Photo by W4JVR)

OPEN LETTER TO FLA. TRAFFICERS

Ladies & Gentlemen:

I need your help ! !

I understand that N4WA, representing NTS Management in Florida, has been approched by N4UF, representing Management of FMTN (Florida Midday Traffic Net), with a proposition. As I understand it, the proposition has four parts:

1. FMTN requests certification as an NTS net.
2. FMTN would begin operation 7 days per week.
3. FMTN reserves the right to choose their own net Manager, Assistant Manager and other Officials.
4. WMTN would allow ARRL Section Leadership to designate which stations would represent the Section and Region Net level.

It is understood that N4WA and W4RH are inclined to accept this offer on behalf of Northern Florida Section, disband AFPN (All Florida Phone Net) (early session) and place their reliance on FMTN to carry out our responsibility for support on DNTS. (Daytime National Traffic System.)

QSY to page 13

FLORIDA SKIP, INC.
P O BOX 501
MIAMI SPRINGS, FLORIDA 33166

Enclosed is $4.00 for 1 year, $7.00 or 2 years, membership to Florida Skip.

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City _____

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Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line please.

OM - nominate your XYL for our Skip DEAR MABLE AWARD! A most unusual award. Designed just for your XYL. $1.00 to members only. Give her full name, your call and mailing ddress.....Editor.

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs.

Henry R. Hoffman	K4LQS	Naples
Russ Hayes	WA4WGO	St. Petersburg
Art Mueller	W8OYW	Crystal River
Elmer Enke	K4YC	Sarasota
J. Frank Wise	K4AIZ	Sarasota
Hollis Graves	WA4FCD	Jacksonville
Wilfred F. Lord	K4PNU	Coral Gables
William Shinn	WB4PFF	Sunrise
John M. Griner	K4MZD	Bushnell
Robert A. Versema	WD4SBD	Sebring
Clarence W. Willaims	WA4VKI	St. Petersburg
William A. Godbout	WA4VLG	St. Petersburg
Suzanne C. Burt	W4VTO	Sarasota

EX CALLS

This list never seems to end and it probably never will. Have you sent in your EX-CALL. Many old friends have been reunited thru this column. Editor

N4KA ex WB4PZZ
WB4WAC ex WA6TTM
W4QCA ex W2NLN
N4CJN ex WB4LVN
AA4BN ex WB4BMR
KB4XE ex WD4ONM
KR4U ex W4GUU
WA4VKJ ex WB8NHW
KB4RG ex WB4PKR
K4ESI ex CN8FY
K4JJX ex W1IVJ, W3HTD
KK4W ex WD4BIO OA 4UO
WB4BMR ex WN4BMR
W8TAY ex W4JCR
KA4LHE ex WA2GJX
N4AZS ex WD4JQC
K8USC ex WB4WYM
AE4M ex W4DOJ
KA4E ex WB4MLI
WA4VKJ ex WB8NHW
KT4Q ex WA4JTY
W4GMT ex W1KPU, SVØ-WP, CN8ED & EL2J

AB4C ex AA4DN, W4OTB, WB4WTU, DU3ZAC, EL2DD, EL2HL, K9GQA, DJØ DD, CN2DD, KT1DD, EK1DD, D4AOF, W3ISC, W9JZR and W9CKB....

letters
to the editor

Dear Andy:
Just a word to tell everyone the Daytona Beach Repeater Assn, Inc. has changed its meeting nights to the same as the Daytona Beach ARA, 8PM at the American Red Cross building on White Street.

The DBRA, Inc is still operating WR4AKH, 147.75 in and 147.15 out, serving the greater Daytona Beach area and the surrounding county's. Anyone traveling the state in this area are welcomed to use this repeater and chat or pick up local traffic advisory's and highway information. 73, Robert Ledford, WA4IDI, DBRA Secty.

Dear Editor:
The KENWOOD INTERNATIONAL user's club is now operational. Enclosed is an informational brochue describing the clubs actitities.

A limited announcement has already received favorable response. I am looking forward to a large following.

Please advise your readers to send a S.A.S E. for a brocque via return mail. Thank you very much.

73, Rob Pohorence, N8RT
Kenwood International Club
9600 Kickapoo Pass
Streetsboro, OH 44240

Dear Andy:
For years I've had a Florida Skip calendar on my operating desk. Looked in both the November and December issues to see if you were still issueing them. Couldn't find anything and thought maybe you were'nt going to have one for 1980.

But low and behold on page 2 of January, there it was "Dont forget your 1980 calendar FREE with SASE.....' Boy was I glad.

Am enclosing a self addressed envelope (stamped) and would certainly appreciate receiving one. 73, John Fogarty W4CI, Tampa.

(Editors note: Thanks John. We still have a good supply if anyone else would like one for his ham shack. AC)

Editor' FLORIDA SKIP
In this year of the world administrative radio conference and in view of the recent attempt by the FCC at the same said conference to dilute the standards of our hobby, this operator has become increasingly alarmed at some of the practices and operating procedures which are creeping into amateur radio with the recent influx of new operators from other radio services.

In this operator's opinion it is vitally important now more than ever to maintain a positive contrast between the amateur radio service and the citizens radio service lest we be swalloed up and restructured by the bureaucracy that is trying to distroy us.

Inane expressions such as "we bye and on the side" and "we gone" belong in the same category as "10-4", good buddy" and catch ya on the flip-flop" and definitely have no place on any amateur traffic net! !

Let's send these inanities back to the 11 meter children's band where they belong, if indeed they belong anyplace. As active members of the Nation Traffic System, let's stay at rthe forefront where we belong, setting a good example to all others in our great hobby. Let's NOT lower our standards for ANYONE! !

73
William L. Fink
WB4ANA, Tallahassee

Dear Andy:
It was our pleasure to have you join us as you have for so many times in the past. Rest assured, we also find room for you at the National!

"Buzz" and I extend our sincere good wishes to the Dade Radio gang for a most successful HAMBOREE In 1980!

Best 73's
Al Canning, Chairman
Orlando HAMCATIONS

Editors Note: Many thanks to Al and OARC for your kindness in the past 25 years! (AC)

CHECK YOUR QSL CARDS

The Post Office Department has announced that after July 15th, envelopes and cards measuring less than 3 1/2" high or 5" long will be returned to the sender if they turn up in the mails. In addition, post cards (QSLs) must be this size or larger and at least .007" thick – regulation postcards sold at the Post Office are a bit thicker - .009". Undersized or too thin items jam the cancellation machinery which might result in damage to other pices of mail.

On the other end of the scale, oversize pices more than 6 1/8 X 11 1/2" – will be subject to a surcharge of seven cents per piece.

It would be a good idea to check your present QSL card against these dimensions and if they don't come up to "snuff" mail them in an envelope – the proper size. (DBARA GROUND WAVE.)

EIGHTH ANNUAL

TREASURE COAST HAMFEST

presented by:

Vero Beach Amateur Radio Club
St. Lucie Repeater Association

MARCH 22 & 23, 1980
VERO BEACH COMMUNITY CENTER

Talk-In — 13/73 52/52 222.34/223.94

Fly-In — Vero Beach Municipal Airport
Contact — Tim Lydston - KB4IO for tickets and Swap Table information.
P.O. Box 3088, Beach Station, Vero Beach, Florida 32960

Donation: $3.00 Advance; $3.50 at Door, per Family Both Days.

Swap Tables — $10.00 for both days, limit 4 per person with advance payment.

PRIZES QCWA LUNCHEON — DRAWINGS — ARRL FORUMS
TAILGATER AREA - SWAP TABLES — DODGERS BASEBALL
Tailgater Area — $5.00 for both days per space.
Amateur Radio and related items only.

NEW YEARS LINK UP

FOR THE first time in the history of Miami Repeaters there was a three-way telephone link-up.

On New Year's day around 1 p.m. the Cincinnati, Ohio repeater WA8MQQ/R called into the South Florida FM Assn. WB4MCK (16-76) repeater successfully. Many exchanges were made between Cincy and Miami amateurs with perfect signals on both ends. The Cincy group had also arranged a third link-up to Los Angeles WB6BJM repeater. About 1:15 p.m. a telephone switch-board amateur in Cincinnati made the third telephone repeater link-up complete. The Cincy-LA audio levels were low so the complete link-up was dropped and redialed resulting in better audio levels. This meant, amateurs in LA could talk to the Cincy and Miami repeaters and likewise Miami could talk over the Cincy and LA repeaters. A short QSO between W6AQC and WB4MCK resulted. W6AQC LA/NCS lined up a couple amateurs on his end to talk to amateurs in Cincy and Miami when some unknown person(s) in Miami dialed off the Miami phone patch off. It was quickly brought back up, but by this time the phone connection was broken and Miami was cut off between the two other cities.

The L.A. repeater group had made arrangements with a Washington, D.C. repeater for a fourth telephone link-up but due to low audio levels it was not attempted. If it had been completed it would have been a first, I am sure. The Cincinnati group said they would like to try it again sometime.

It is recommended there be some way to over-ride the dial-off of the patch to prevent unknown person(s) from distroying such an exercise. There will always be sick minds among us, so let's cope with them accordingly. AC

500 CB LINEARS SEIZED

Nearly 500 CB linears were seized last week in federal raids on two San Diego County factories. The two companies raided were Westcom in San Marcos and Outcom Communications Electronics in Escondido. Thanks n6NY (From HR REPORT.)

AMSAT PHASE III

By Walt Dixon, W4DWN, AMSAT Rep.

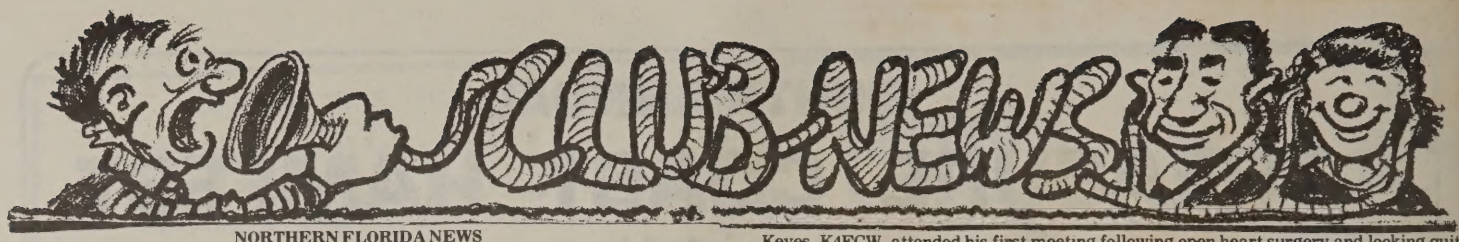
For the first few years, the apogee (highest point in the orbit) of Amsat Phase III will occur at northern latitudes ranging from 26 to 57 degrees North Latitude. The full communications range at apogee will cover a circle with a diameter of 11,150 miles. This means that it will be possible for any Ham within that circle to communicate with Hams in every country of the world. Due to the "shadow effect" caused by the Earth the extreme southern regions would not be in "sight" of the satellite at this point. These regions would be available at the beginning and end of a pass.

It is quite interesting to know that there will be a changing apogee point due to the effect of the Equatorial bulge of the Earth. After initial launch and firing of the "kick" motor the apoee will be around 26 degrees North Latitude. In a year or so, due to the influence of the Earth, the apogee will move to 57 degrees North Latitude. It doesn't stop here! In a year or two it will start moving southward! The apogee will cross the Equator and gradually make its way to 57 degrees South Latitude. It doesn't stop here either! It slowly turns and starts back Northward. This precession of the orbit continues during the lifetime of the satellite. It is an unique feature of ellipical Earth orbits.

Because the changes in apogee location are very small over a period of time corrections in orbital data will not be complicated. Information needed to contact the satellite would include, direction, altitude and time of orbit. Minimum tracking would be required.

Dr. Perry Klein, W3PK will speak on Amsat and Phase II at the Tropical Hamboree Jan. 26th-27th. He will be glad to answer your questions.

SUPPORT OUR ADVERTISERS



NORTHERN FLORIDA NEWS
By Frank M. Butler, Jr., W4RH

Net Certificates earned by N4AYH, WD4KXI, WA4PHL, WA4RRH and WB4ZRS on Gulf Coast ARC Emergency Net. EC WA2GIN/4 gave a talk on Escambia County emergency comm. at the Orlando Hamfest ARPSC meeting.

QFN Bulletin will resume publication, with N4ET as Editor and N4WA as printer/mailer.

WB4NIP, W4EQR, WB4BSZ, W4CSS, WA4BME and WD4ETU all worked into Europe on 6-meters, listening on 10m. W4CSS has a KWM-380 on order. WD4CFO did such a good jog of restoring the Playground aRC's Golden Boob Award trophy, he got to keep it!

KM4O is moving to Jacksonville, and had to resign as President of PCARC. the club has developed a new Disaster Plan, in coordination with Civil Defense. WD4PDK got a new toy for Christmas — a code reader.

Tallahassee ARC had a program on construction of J-pole antennas. KC4N trying to revive the club's HF quad. The N. Fla. DXA Bulletin has a "new image" tnx to N4KE. Congratulations to N4PL on his first BPL in over 40 years of traffic handling. Also making BPL this month were WA4C4I, WD4DNC, WD4HIF and WD4IIO.

Orlando ARC and CFRA members approved a merger of the two groups. N4KF active in CD Party and RSGB 21 HMz contest. WB4FJY continues to be our chief outlet for Central and S. America traffic. New officers of the Gulf Coast ARC: President, WD4KXI; V.P., WB4JZK; Secretary, KA4IOL and Treasurer, WA2FGU.

BROWARD AMATEUR RADIO CLUB
By Ruth Burg, KA4AEV

Many members of the B.A.R.C. received radio gear for Christmas and are busy this new year enjoying these gifts. Unfortunately, Bob, AA4EE, is still impatiently awaiting the arrival of his Kenwood 2400. Santa is late! Mary, WD4KYP, Ray, WD4FCR and Betts, WA4MJI, received the Kenwood 2400 on time. ORm, W4PKD, received Yaesu's new low band rig. Ken, KA4AES and Harold, KB4KK, both got the Heathkit 2kw antenna tuner. Ruth, KA4AEV got the Heathkit electronic keyer and a set of headphones for the low bands because Santa knows her XYM, KA4AES detests the sound of cw!

Do check in to the B.A.R.C. nets held as follows: Swap net: Monday nights, 8 p.m., 146.31/91. Cy, W4MAQ, is net control. CW net: Tuesdays and Thursdays at 8 p.m. on 146.52 simplex. Dave, KA4DAO net control. Emergency net: Wednesday at 7:30 p.m. on 146.31/91.

The QSL cards have been mailed out to those who made contacts iwth W4AB at the Broward County Fair. Be sure to send your QSL's to B.A.R.C.-W4AB, 2611 S.W. 58th Manor. Ft. Lauderdale, Florida 33312.

Don't forget the B.A.R.C. Club meeting is open to all amateurs and is held the 2nd Friday of each month at 7:45 p.m. at Griffin Park, 2901 S.W. 52nd Terrace, Ft. Lauderdale.

INDIAN RIVER AMATEUR RADIO CLUB NEWS
By Jim, W4MFH

There were very few empty seats at the November meeting. It was announced that W4CSU, Ward is in a nursing home, and WA4JUP John is in Weusthoff Hospital, we wish them both the best. A visitor was W4NIO, Russell and Jules, KA4LKO, a new novice is now a member.

We also wish a speedy recovery to the XYL of Russ, K4YS, who was in Weusthoff and the XYL of Gordon, KA4FFA, after her Major Surgery in Houston, Texas.

WA4MMD, Joe read the slate of incoming officers. Secretary, Bill, WB4WYG and Treasurer, Bill, K4KNR, have VOLUNTEERED for another year in office. Thanks to these fine men. Vice President will be again George, AA4MI. There will be an installation dinner the 4th Tuesday evening in January at a place to be announced via the landline.

It was announced that Dale, W4QM, mad over 1,000 QSO's a day on 6 bands while at the QTH of HH2MC!!!

If you work Andy, W4PRK, ask him about his method of catching Polar Bears . . . Should be interesting . . .

Bill, WB4WYG, presented part 2 of his slide show covering his air, land and water trip through Alaska. We were shown that these "Ex-Engineroom" people are prepared for anything — When his projector bulb fizzled out, Bill promptly produced another one and the "Show went on".

STATE QCWA NEWS
Edited by Eli Nannis, K4JMH

Florida is the Amateur Convention State this month with 3 scheduled. The two big ones are the Orlando Hamca:.on and the Miami Hamboree and the smaller one at Sarasota. There will be QCWA luncheons at each convention which will give our members opportunities for many eyeball QSO's.

Headquarters is making a full study of the dues structure and more on this in the SPRING news. The Spring, 1980 meeting of the Board of Directors during the convention are almost gone. All the chapters have received a sample QSL card for QCWA. Comments on the card is requested. Your secretary has the sample card.

The 1980 QSO party is scheduled for February and March and will be a big one. The complete story will be in the WINTER news. Headquarters is keeping a record of those signing new members and will make a special award to the top persons in the activity.

We welcome a new chapter to Florida, Highland County Chapter Number 121. President, Harry Gartsman, W6ATC, has not been too well recently but is improving rapidly. Check your WINTER news very carefully as it contains a lot of material never before published.

QCWA will accept dues payments on a one-year basis from those who face financial hardship. After January 1, 1980 the one-year dues will be $7.00. When remitting dues under this provision, it is only necessary to send the fee with a note that the member is taking advantage of the financial hardship dues basis. Headquarters also advises that dues renewals have been coming in very well and have piled up on them. The State CW net operates every Wednesday at 1:30 p.m. on 7035KHz.

GATOR CHAPTER: Our Christmas luncheon meetnig was held on December 1st with Lou Weber, K4HWS, presiding because our president was sick with a bad cold. Quite a few members whom we haven't seen for a while were at this meeting. Don King, W8GU, was a visitor and he decided to join our chapter. Harold and Lois Johnson, K4GVB, are celebrating their 50th wedding anniversary, the Tuell's, W4IRA, their 36th and the Bate's their 58th. Boy, our members really stay married. Congratulations to them all. Jim Keyes, K4FCW, attended his first meeting following open heart surgery and looking quite well. I am sorry to report that Jim Harney's YL passed away recently. "Ray's Amateur Radio" donated several prizes whixh was won by Bill, W2WV and Rudy, K4NR. George Rae, K4TH is our new treasurer. We thank Rudy Nelson, K4NR, for a job well done as our former treasurer. Our meeting date for January was changed to January 12th due to the Orlando convention following on our regular meeting day. We hope that you all had a good time at the Clearwater Convention. Bud Waite, W22K, gave us a very interesting program at the QCWA luncheon. I am happy to report that Barney Barnard, K4NB and Lew Sieck, K4NE both are out of the hospital after a short stay.

Reported by Eli Nannis, K4JMH

CITRUS CHAPTER: At our November 17th meeting, thee was 30 members present and the current membership stands at 97. W2HAC is now a new member of the chapter. Our 2 meter repeater frequency is 147.825 in and 147.255 out. Chalmer Strombert is working on the 1980 QCWA National Convention and will report progress at the next meeting. An auction of used radio equipment is being held at each meeting to raise money for the repeater fund. Keith, G3DKS, gave an interesting demonstration of the use of his computer in designing antennas. We are very sorry to report that 2 of our members are now silent keys, Art LaPlant, W4SRG and Ernie Sailor, KRHXP. They were active members and they will be greatly missed. We are going to have 3 meetings within 5 weeks, December meeting in Winter Park, Orlando Hamfest QCWA luncheon on January 5th and the regular meeting on January 19th. The repeater fund is growing at a good rate. A few of us old timers still like CW and we now have a QCWA CW net which meets each Wednesday at 1:30 p.m. on 7035KHz. Won't you join us?

Reported by Rodert Ragsdale, W4AJX
and Bill Waldo, W4PI

GATEWAY CHAPTER: Our chapter held its annual Christmas party at Uncle Johns Pancake House on December 15th. There were 13 members and 9 guests present. Pictures were taken of our new officers for 1980. It was determined th: 50% of the members voted. We all enjoyed a Christmas punch made by Georgette, YF o Bob, W2KGI. Presents were exchanged. We are looking forward to a great year in 1980.

Reported by Jim Dixson, W4JL

EVERGLADES CHAPTER: A chapter meeting was held at the Sweden House in Ft. Lauderdale on November 24th. Our visitors were Clarence Seid, K2KW, KB4AB from St. Thomas, Ed Stolzenberger, Jr., Ed Tremblay, W1QWB and George Skinner, N4TU. The following new members were voted into the chapter: Raoul Poliakin, K2AOS, Nathan Sinreich, W4PVC, John Rider, W2RID, George Skinner, N4TU and George Graveson, K4JI. We are sorry to report that 2 of our members are now silent keys, Henry Meyer, W4TRR and Phil Faulstick, K4EGD. It was voted to split the offices of Secretary and Treasurer. The following members were elected to office for the coming year (1980): Chairman, Mark Devaney, K4IDC; Vice Chairman, Bill Kennedy, W2AS; Secretary, Lou Schreiner, W2ENU; Treasurer, Roy McCarty, W9KA and Director, Ted Stern, K4YY. The guest speaker was Don Manley of the Ft. Lauderdale Police Department Crime Prevention Unit who presented an excellent account of the development of the Crime Watch Program in Broward County.

Reported by Lou Schreiner, W2ENU

SUNCOAST CHAPTER: Bob Siff our treasurer reports that the regular meeting on the 1st Wednesday in January will be changed to Saturday, January 19th to coincide with the Sarasota Hamfest. It will be at noon at the Windjammer. The guest will be State Representative Ted Ewing. Chairman, Eb Long has appointed the following members to the sickness and distress committee: W2JVZ, Everett Centerwall, W4TAS, Hank McMurria and W4SUH, Don Bearce. At our December 5th meeting, a special Christmas program was presented by Ed Davis, W4POO at the Windjammer Restaurant.

Reported by Ed Davis, W4POO and
Eb Long, K4GEW

SARASOTA AMATEUR RADIO ASSOCIATION
By Howard Millbourn, W4WBC

Things are progressing nicely for our Sarasota Hamfest on January 19th and 20th. It looks like its going to be a good one based on sales of booths and swap tables and motel reservations. For those Ham-pilots who are toying with the idea of flying in, as I have done for some other Florida Hamfests, I can tell you that the Exhibition Hall is convenient to Sarasota-Bradenton Airport. If you carry along a walkie-talkie you might try soliciting a ride on our 13/73 repeater, but even if you have to catch a cab or limo its only a couple mile ride.

Our regular meeting took place on December 18th and entertainment was provided by Ed Davis in the form of a very enjoyable film. The annual election of officers came up on the agenda and because we didn't want to change horses in midstream, or Hams in mid-Hamfest it was decided that our entire present staff of officers would carry on for another year. How lucky can they get! See you at the Hamfest.

QSY to pg. 7

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Your Amateur Radio Publication

DADE RADIO CLUB, INC.
P.O. Box 350045, Riverside Station
Miami, Florida 33135
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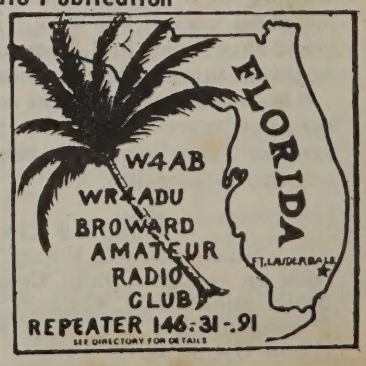
Museum of Science
3280 South Miami Avenue
Miami, Florida 33129
DADE RADIO CLUB
SPONSOR OF
TROPICAL HAMBOREE



FLORIDA ARMY MARS

By Dick Blow, ADN1RE

NO. 1 P 011500 Z DEC 79
FROM ALL FL ARMY MARS MEMBERS
TO AAM4IYT FL
GPS 162
BK

AT THE TIME OF YEAR WHEN WE ALL TURN OUT THOUGHTS TO REASONS FOR GRATITUDE IT SEEMS ONLY APPROPRIATE TO SPECIFY ONE OF OUR MOST OUTSTANDING MEMBERS, MR. ANDY CLARK, AAM4IYT. THE WORD AMATEUR MEANS SOMEONE WHO USES HIS SKILLS FOR THE SHEER LOVE OF THE WORK, NOT FOR THE MONEY INVOLVED, IN THE SENSE THAT BEN FRANKLIN WAS AN AMATEUR IN THE FIELD OF ELECTRONICS.

YOU ARE SUCH AN AMATEUR ANDY AND IT SHOWS IN YOUR MAGAZINE, FLORIDA SKIP. WHILE THE OTHER MAGS CONCENTRATE ON WHY READERS SHOULD SPEND KILOBUCKS ON THE LATEST HOT-CARRIER-COLD-SOLDER-JOINT RIG OR A NEW ANTENNA WITH INVERTED RADIALS AND SPAGHETTI REFLECTORS, YOUR MAG IS CRAMMED WITH INFO ON ACTIVITIES DIRECTLY INVOLVING YOUR READERS AND THEIR ACTIVITIES ON THE AIR.

THANKS ANDY FOR PUTTING OUT THE ONLY TRUE AMATEUR WE SAY AGAIN AMATEUR PUBLICATION IN THE AMATEUR RADIO FIELD!

ALL FL ARMY
MARS MEMBERS

NAVY/MARINE CORPS MARS NORTH FLORIDA

By Jim Robinson, NNN0VYI/WB4RIS

The big news this month is that no later than 1 January 1980 all North Florida nets now operating on lower sideband will shift to upper sideband.

A 2 meter repeater is in the planning stages for the area and there is much planning and work to be done to put this project on the air. There is a job for everyone. We need help in all phases of design as well as set-up and operation. Let's all help support this effort. For more info please contact Herb, ADD.

Arnold, BEJ is back with us and is once again active with the afloat program.

Winn, AAF and Bill, YDJ are keeping busy with the RTTY nets. They are doing a fine job of keeping us supplied with traffic.

The Florida CW Net has moved its operations to 4040 KHz. There are a few more stations checking in but many more are needed. Now is a good time to break out that old key and give it a try! The net starts daily at 2200Z.

QQX, has completed his training and has dropped the "T" Congratulations Butch.

YTD, Dan is NECOS on the 2X9B net on Friday nights.

Welcome Aboard to the following new members: NNN0QQW-T, Eugeme Finks, Homosassa Springs, NNN0QQY-T, George Garrigan of Crystal River and NNN0QQZ-T, Walt Adams of Jacksonville.

There is a meeting planned for the Orlando Hamfest for the 5th of January. I hope that all hands will be able to attend.

AIR FORCE MARS

(State Wide)

By Philip A. McMasters
W4BCZ/AFF2P, Region 2 P.A.C.

The Clearwater Beach ARRL convention was the scene of a MARS meeting. Mike Green was unable to attend and the meeting was under the supervision of the ASMD, John Lenkerd, AFA2UW/W4DNU who had a nice visit with AFA2BO, AFA2CW, AFA2EV, AFA2EW, AFA2GN, AFA2GO, AFA2PH and AFB2MF, AFB2NJ and AFA1HF, Clair Geiger from Ft. Wayne, Indiana. A few of the questions about personal MARS problems were discussed.

The Orlando HAMCATION will be the location of the next Florida A.F. MARS meeting which will be at 3 p.m. on Saturday, January 5th, 1980. This will be the chance to get your questions answered at least as far as Mike Green has the dope on policy at the present from HDQS. He might even have some supplies by that time, although AFF20, Josie does not seem to get many shipments lately from HQ.

The MARS NEWSLETTER arrived for the quarter ending September after by deadline for the fourth quarter news had passed. I am advised that this is the last one done by Doris Likes as Editor. Much news of Region 2 with pictures will leave me not looking so good, in the short time I have seen AFF2P prior to deadline.

The traffic load picked up in December and shift to TK frequency was resorted to get it passed. Our FYMONS have been doing a fine job on all the night traffice frequencies, 4580 and TK. HAPPY NEW YEAR. 73 AFCC for command instead of "S" for service is new headquarters designation, followed by DOYF. Still Scott AFB, IL 62225. Use up your present supply of envelopes and stationery.

NAVY/MARINE CORPS MARS — So. Fl.

By Jim Wilson W4GDK/NNN0WCK

Our new MARS VHF repeater, put up 250 feet about Nov. 1, is getting into full swing. We are arranging schedules on it to handle S.E. coastal traffic brought in on RTTY to take some of the load off the low frequency traffic nets. It covers Ft. Pierce down to the Keys. It was also copied in Lakeland.

In our first month (Nov.) on the MS/10 repeater we had 71 check-ins and handled 35 pieces of traffic. We were on 11.5 hours.

Due to the impending absence of QPJ of Ft. Myers soon, Area Coordinator Harry Ide GAL of Boca Raton has appinted SEU, George Nehiley of Opa Locka as Net Manager of all of our nets. He will do a fine job.

In the past month three new members have joined us. They are: ZMM-T, Erv Novoa, Canal Point; ZMN-T, Bruce Marron, Boca Raton and WAK - Robert Stevenson (visiting area coordinator from Conn.).

Several of our stations have become very active on the Afloat program. This includes YBU, XPR, PZH and others. They are keeping the phone lines busy with their ship patches.

Our Islands fone patch net is also active twice each week. On it are YBU, WCK, XPQ, BBS and YWG.

So. Fla. Navy MARS is getting to be one of the most active in Region Two.

QCWA INVITES YOU

The Palm Beach QCWA invites those eligible (and near eligibility) to attend the luncheon-meeting on the last Tuesday of each month at the Sweden House, US 1, North Palm Beach. Come and enjoy ragchewing with a jovial group of guys. XYLS show a good attendance and have a great time. If you're short a year or two of the 25th mark, come anyway and we'll put you in a holding pattern until D Day. For further info call or write Ed Koeper, W4ZQT, 622-9570, 920 Shore Drive, North Palm Beach, Fla. 33406. CU there.

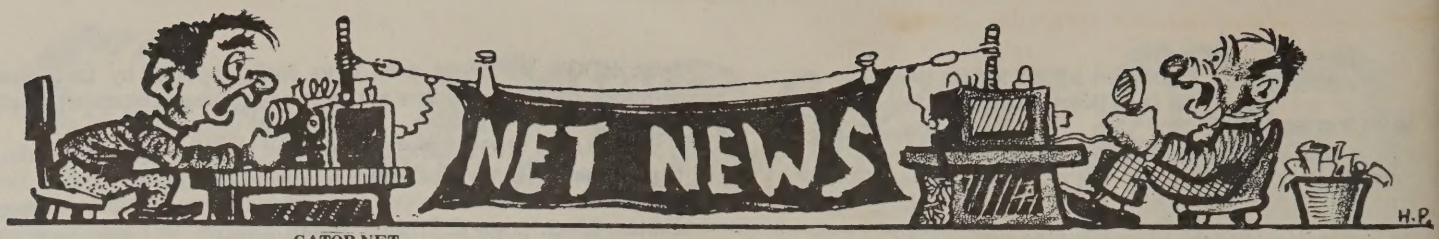
THE OLD OLD TIMERS CLUB

By Lew Sieck, K4NE

This Club has nothing to do with sporting officials who perform some kind of "timing" function, but has over 2000 radio amateurs who started operating at least 40 years ago and are still "hamming." If you operated a Commercial, Military or Amateur station in 1940 or earlier, and held a two-way contact, you are eligible for life membership provided you are currently licensed. You need not have been continuously licensed during the intervening years. If you have no license now you are still eligible for Associate Life membership.

During the past month in two Florida hams were recognized by the O.O.T.C. in being elected to its National Board. The new Director of the 4th District is Ed Stolzenberger - WB4ODL of Ft. Lauderdale. Ed was first licensed as 2AUR in Jan. 1927, later W2AUR, then in 1930 as W3AJO. He retired from NBC in 1967, boated to Florida and became WB4ODL. We have another amtaeur in Florida who has been honored by the O.O.T.C. Board of Directors. She is Eunice Thompson, W1MEP, the distaff half of the "Century Kids." This is the highest award given annually with the citation "Amateur of the Year."

For further information on O.O.T.C. contact Herb Spitz, WA4UOC. See directory listing for address.



GATOR NET
By Doug Ryan, W4MEE

With only 24 stations this month Gator net handled 526 messages. Not bad with 31 sessions. W4DVO among the missing this month. NCS credit this month, W4NFK 1, WA4JDH 2, W4LDM 4, KF4U 6, W4MEE 18. The Alabama Kid Harris, WA4JDH the only one 100% QNI. W4MEE missed one session due to illness. W3CUL and W3VR combined QNI 26. Al, W3VR expects to QNI more when he gets his tower up. When he gets it he will be able to work 2 stations. Herman, WB4FJY accpeting S.A. traffic again.

We don't hear much from Don, N4ET, these days too bad, must be that golf. Like Ham, K4SJH, with the bowling. Nice to see K4EUK, Frank in Tampa checking in on CW. Come often Colonel! Andy Clark, W4IYT, checking in 28 times. Everybody needs Miami, but give him fone numbers and complete addresses! Jacksonville represented by W4JL 29 times, and KB4B, Jack three times. Orlando area well taken care of by W4LDM and KF4U. Well thats about it for this year and Happy New Year to all, 73 Doug, W4MEE.

FLORIDA MIDDAY TRAFFIC NET
By Al Suhr, WB4AID

An interesting and inspirational chapter of Florida Midday Traffic Net history was closed with the retirement December 31, 1979 of FMTN Secretary Herb Roland, W4SLR, of Orlando. There seems to be no specific date which pin-points an appointment. Herb recalls that late in the 60's the late Clyde Mashburn, W4SDR, then Manager of FMTN began calling him "Secretary". For many years before WB4AID appeared on the screne, W4LSR was the correspondent who wrote the Florida column for FMTN. And, as Secretary (who always bears and inflicts such unequivocal authority), Herb said, "Well, Al — it is now your time to write the Florida Skip Column, for FMTN. I hereby bequeath to you this Correspondent badge of authority — and may it never return to my hands!!" Herb has been very cooperative and has assisted this writer many times since this prank by writing for FMTN when needed. Behind Herb is his charming XYL, Elinor, WA4ITP, who is keenly interested in the activities of each member of FMTN. With this the Florida Midday Traffic Net says with humility and sincerity "THANK YOU HERB, YOUR EFFORTS WILL ALWAYS BE KINDLY RECALLED BY THE GRATEFUL MEMBERS OF FMTN."

During December FMTN held 26 sessions, 1,298 stations reported, average 49.92; and handled 1,264 pieces of formal traffic, average 48.62. This column could not have been handled without the cooperation of each participating station in following the expert leadership of the many NCS found on the FMTN rolls.

A M C O R Radio Club
By Ray Burbank, KA4FGE/MA

The club's Christmas Party at N4AIV's was a Stuffing success . . . really. So much food; Turkey, salads, vegetables, pies, liquid refreshments, etc. (Blew my diet again.) They all tasted great and THANKS to Tom and Kathy for having us at their home.

Elections were held at the club's December meeting, the same night just before the party. The results were: President, N4AIV, Vice President, KA4FGE, Secretary-Treasurer, N4BHF, Radio Officer, WB4QKZ and three Club Directors, KA4FHR, KA4IWR and WA4QKN. Also approved for membership was WA4QQR. We welcome Adam and congratulate the newly elected officers who take office the first of January.

The January meeting will be held the second Saturday at N4BUG's. Danny wanted to have the November meeting at his new QTH but unfortunately the closing wasn't in time. The February meeting will be held on the usual first Saturday of the month at KA4FGE's.

220 MHZ contacts are growing for us in South Florida. Our Tech Net, 8:30 p.m. Thursday nights on 223.5 simplex will be slow over the Holidays coming, but we believe it will pick up in January. Our 220 repeater is still on schedule and we hope to have it in operation by the Miami Tropical Hamfest. Still working on finding a good QTH for it. Also we hope to have a 432 MHZ repeater finished this coming spring.

Congratulations to KA4HAL for upgrading to Technician and his new 2 meter hand held. You may also have noticed that I added /MA to my own call. Thats because on Dec. 13th I upgraded to General and on Dec. 14th I talked to JJ1KUV, Yuki in Tokyo, Japan.

WB4QKZ, Bill teaches an upgrade code class, usually Tuesday nights at Pompano Senior High School. Its normally listed in the Adult Education news letter. Otherwise call the school around 6:30 p.m. or after for information on the course.

The club will be at the Tropical Hamfest at Flagler Dog Track in January. We'll be set up at three or four swap tables with some good gear. Come on by and say Hi. See our article in Net News too and thanks to Florida Skip for printing our articles. 73s KA4FGE, Ray.

FPTN
By Jim Townsend, KB4OW

Happy New Year! December was the big finish for the year with traffic counts at all time highs around the holidays. Even with that, 11 net members managed 100% checkins for the month: W4BCZ, W4BKC, WA4JDH, WB4PIB, WB4TZR, WA4EYU, W4FOE, W4IAD, WD4IIO, WA4IWW and WB4WYE. Hats off to you all!

Net Manager Bill Richards, WB4WYG, had some pretty interesting December and year end totals to report — for the month. 1,048 checkins and 809 pieces of traffic, handled at a smooth 1.5 minutes per message. On December 19th alone, NCS Evalyn, W4WYR, steered 52 pieces of traffic through, topped only by Walt, WA4FKE, with 63 pieces on December 24th.

Totals for the year were equally heady — 12,130 total checkins and 5,015 pieces of traffic. An impressive public service activity deserving a "Thank you" to all the participants.

We're glad to have W4MML, Carol, of Belle Glade added to the roster. Looking back, it was a good year with a good group even, or especially, during our bout with Hurricane David. I'm looking ahead to another pleasant year with this bunch. How about you? Join us each day on 3940 at 7:00 a.m. local time. Start your day the FPTN way!

AMCOR 220 TECH NET
By Ray Burbank, KA4FGE

Propagation for 220 MHZ during these first weeks of December has been great. Even though our Tech Net is off to a slow start due to people leaving the area for the Christmas Holidays, the interest is there and they really want to get active as soon as they all get back. The net is on 223.5 MHZ simples, 8:30 p.m. Thursdays.

I'm writing this early so that I can get away for the holidays myself. December 13th was our first real try at getting the net going. N4AIV was suppose to be Net Control but unfortunately his XYL, Kathy was very ill the night and they were waiting for call backs from the doctor. So I went ahead and ran the net. Aside from N4AIV monitoring there were three more of us on that night; WA4QKN, Carl in Dania and WB4DTC in Southwest Miami. WB4DTC, Dave usually barely breaks my squelch but propagation sent his signal up to an S-3 at times with some quick fades and flutter on the signal. Usually we can count on WB4QKZ, KA4IWR and WA4QQR to be on the air with us by they had other commitments.

Basic conversation centered around antennas and their height. Most all of us are only 20 to 25 feet high except N4AIV who is up about 50 feet. WB4DTC, Dave knows of other people with 220 gear in his area and hopefully they will read this or Dave can get in touch with them to come on the Tech Net with us. By the way if you have a 2 meter synthesized rig you can build a simple 220 MHZ Transverter to hook up with it. See the October issue of 73 magazine, page 142. Hope to hear you on 220.

TOP TWENTY TRAFFICERS
By K4SCL & W4RH

1.	W3CUL	3614	11.	K4ZK	589
2.	W4MEE	1362	12.	KM4G	573
3.	WD4IIO	940	13.	WB4WYG	515
4.	WA4PFK	881	14.	WD4DNC	513
5.	K4TH	815	15.	AA4FG	477
6.	W3VR	789	16.	W4GPL	474
7.	WD4HIF	764	17.	WD4HXS	418
8.	N4PL	756	18.	WB4FVV	414
9.	WA4CRI	673	19.	N4EC	330
10.	K4SCL	597	20.	WB4PIB	311

TRAFFIC HOUNDS
By K4SCL

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1298	49.9	1264	48.6	26	WB4AID
FPTN	1048	33.8	809	26.1	31	WB4WYG
TPTN	705	22.7	529	17.1	31	WD4HXS
GN	282	9.0	526	16.9	31	W4MEE
AFPN	364	11.7	406	13.1	31	W4IRA
QFNS	388	12.5	197	6.4	31	WA4PFK
SWFTN	547	21.0	193	7.4	26	WA4HXU
VEN	553	17.8	167	5.3	31	WA4CRI
PBTN	323	15.4	123	5.9	21	WB4NJU
FPON	708	22.8	114	6.2	31	WB4FVV
SPARC	1186	38.2	108	3.4	31	K5IHH
MEN	162	40.5	31	7.7	4	WB4PIB
DEN	74	18.5	16	4.0	4	WD4JKM
DBTN	13	4.3	7	0.2	4	WA4CRI
PEN	132	22.0	5	0.8	6	K4SCL
SBEN	68	17.0	4	1.0	4	KB4OW

QFNS
By Dick Hill

December was another good month for us — total QNI was good in spite of the holiday period with some regulars out of town. KM4G's absences from QFNS were due to many hours spent on 4RN and EAN — he still had a good QNI total — but he is usually near perfect in QNI! QTC total up this month due in part to the holidays and in part to the many birthday messages sent to KA4FZI — she was somewhat overwhelmed when all of a sudden she was asked to relinquish NCS spot and then sent off frequency to receive over twenty messages — Hi! It was a memorable occasion for her and she was most appreciative — was good practice for net members, too.

High QNI's this month were WB4WYG 25, KA4FZI 24, KA4ASZ 23 and KA4DGH 20. With WD4HIF taking over as Wednesday NCS we now have a complete net roster.

Welcome to the new stations this month: N4APE, K0BZV/4, WD4CLP, KA4HBI, KA4KOE and KA4KUG. Hope you will QNI often.

Have been hearing KA4ASZ on QFN very often — keep up the good work, Lou!

John, KA4DYU, is organizing a ham club in his high school and plans to bring traffic to the net.

Marv's keyboard has arrived! He is thoroughly enjoying it — he programs it, then sits back and relaxes! Spped ranges from about 5 to 100 wpm — he checked into QFN one night at about 70 wpm — Hi!

Whitey, WA4LGR and family off to the mountains around New Year's — had planned to work mobile until rig problem with Triton 540. Back to the SB102 until the Triton back in shape.

Phil, KA4FZI and Bill's, KA4GDV, new ham shack nearing completion — if a ham shack is ever complete — know they are enjoying it.

Don't forget your SAR via QFNS at the end of the month.

CU on QFNS 3715KHZ 01OOZ.

NET Roster.

	SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.
NCS	KA4DGH	KA4GDV	W4YCL	WD4HIF	WA4PFK	KA4FZI	KM4G
QFN	KM4G	K4TH	WD4DNC	KM4Y	KA4GDV	WA4EIC	KA4FZI

QSY to pg. 8

HARC NEWS
By Dick Totten, WA4CFA

There is very little club news to report this issue since we have already reported the January meeting and we are too early for the February meeting.

At this writing the only thing on the HARC members minds is the new Two Meter Repeater which is reportedly nearly ready to ship from the factory. When it arrives, the Repeater Committee will have its work cut out for it. We are hoping to have it on the air for testing by mid-February.

Joe Saunders, K4GNP, reports that the HARC incorporation papers are now in the works and our club newsletter, TON-TOPICS has a brand new face-lift thanks to our new President, Tom Middleton, WB4CKY. Tom also has a full line-up of programs for the new season.

Reminder: We still have plenty of Club QSL cards so get'em while they last at five bucks per thousand. Also, Bob Patten, N4BP, has kicked off his popular HARC DX Contest this month so get with it and win yourself an award. See Ton-Topics for details.

All of our snow-birds have returned to the fold and we are once more playing to full houses. Welcome back, Y'all.

BRANDON A.R.S.
By Terri Provost, K4KNX

BARS MEMBERS had the opportunity to enjoy fellowship and eyeballing during the past month when over 60 members and guests got together for their Annual Christmas Banquet. BARS would like to thank W4RH, Frank Butler Jr. for getting the ARRL film "Hams Wide World" out to our club in time for the Christmas Banquet and hopes Frank will keep us in mind when the new film is available.

Then K4VNP, Bill Bierce and his lovely XYL, Mona hosted a New Year's Eve Shindig to be remembered where once again BARS members showed up en masse and would like to express their sincere appreciation for Bill and Mona's gracious hospitality.

At this writing the prediction that many members shll run into each other once again at the Orlando Hamcation is a good probability.

CONGRATS to our V.P., Bill Adams ex-WD4MIT who has received his new Advanced Call . . . KB4ZS!

SPARC, METRO CLUBS
By Marie Adams, KA4BBB

The party hats and noise makers are packed away, the punch bowls are empty and the amateurs are ready for the challenging year that 1980 promises to be in all aspects of ham radio. Congratulations Betty, WA4TJG and George, K4ISS, on enjoying the status of Grandparents. Son Mark, WB4TJG helped provide the long awaited bundle of joy in the form of a baby girl named Ondrea. She arrived Dec. 18, 1979 and checked in at 8 lbs-8 oz.

Dave, K4RBJ and Faith, WA4WOU, meet every a.m. on Hwy. 88 for a short QSO, but where is Hwy. 88?

Dick, WD4SCD, is new Public Service Chairman and Eldean, KA4BBA, is Social Chairperson for Metro. Ernie, W4EG, was heard purring on 147.36 recently. He stays mixed up with a bunch of cats. Thanks to all traffic hounds in area who worked especially hard handling holiday messages.

Sam, N4BGS, up-graded to advanced class license. We're proud of you Sam. Congratulations from one and all.

The Metro members and other area hams were deeply saddened by the death of Russ Hayes, WA4WGO. He has technically joined the ranks of the silent keys. We will all miss Russ and his interesting stories and friendly-chews. He was a great man.

Jan, KA4ELA and Marie, KA4BBB, want to thank all hams who helped at Sand Key on registration desk and at swap area entrances. Everyone did a commendable job. Happy Valentine's Day and don't forget to renew your subscription to Florida Skip. You can never tell when you may be in the lime lite.

FLORIDORA YLS
Cathy Soehl, W4BAV/ARNS

Hope all Floridoras & families had a wonderful Holiday Season & that 1980 will be a good year for all, including the World, which is in such an upheaval. Wish to thank all who sent cards & letters.

The Floridoras had a fine on-the-air Xmas Party, with WB4AUR Thelma doing her usual fine job as M.C. Welcomed WD4FPW, Mildred and WB4FVN, Nellie, who are unable to get on every week; Also welcome to WD8DLB, Kay's return from the cold North.

WA4TJG, Betty & OM K4ISS, George are proud grandparents, as WB4TJG-Mark's wife presented him with a son. Betty & George made a trip to Miss. to meet their pride and joy.

See K4KXN, Terri is not only Secretary of the Brandon ARS but doing a great job of writing SKIP column. KA4BBB, Marie is also wiring the SPARC & Metro column in SKIP. WA4RLS, Minnie is also assisting Hollywood ARC as Historian. WA4WOU, Faith continues as Secretary of SPARC. K4RNS, Marge writes poems & YL column for the Daytona ARC Bulletin. Am sure there are more active in the various Clubs. Congratulations to all.

W4BIL, Fran has rig trouble; was unable to get on the Net for several weeks, until WB4FVN, Nellie loaned her a rig, until Fran's is repaired. We all thank you Nellie you are an angel! ! !

Hope you all had a good time at the Sarasota Hamfest. 33

PLAY IT SAFE
By Dick Jones, W4BTM

I like to live dangerously! I do not use fluoride toothpaste and I do not take Geritor, and I have been known to leave home without 'American Express Travellers Checks', but I am not foolhardy.

I always disconnect my antenna from my rig and ground it during thunderstorms. I always pull the plug from the wall socket when I am working on any part of my equipment, and I always discharge high-voltage capacitors with an insulated handle screwdriver before putting my hands inside. And if it is necessary to have the power on during any repairs, I always keep one hand in my pocket! Yes, I like to live dangerously, but not foolhardily!

NOTICE: PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it will delay your SKIP as long as 4 or 5 days, we are told. EDITOR.

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ORLANDO QFN BREAKFAST

The QFN breakfast held during the Orlando January Hamfest was attended by about 25 members and non-members. N4WA chaired the meeting. Also present were both N. & S. SCMs and W4SHJ, National NTS rep. The affair was held at Ho-Jo's across the street from the TWIN TOWERS.

It was decided to start up the QFN BULLETIN again. Don, N4ET who was present, agreed to take back the editorship. Don will publish it and send to Walt N4WA for mailing. The first mailing will go to all previous phone and c.w. amateurs. A poll will be taken to determin who wishes to support this bulletin with money & material. The reason the Bulletin was given up by Don was due to support from the Net Mgrs with their reports on time.

Presently there is $135. in the Kitty. N4TW, Ted now has all the equipment and materials Pam turned over to him when she and her family left for the frozen Northland due to job change.

SKIP Editor requested a monthly column be submitted to advise all new traffice CW men moving to Florida about QFN and it's adctivities. This space is always open for QFN, just like all other Florida nets. You send -- we print. You no send -- we no print.

A REMINDER

A reminder to all traffic handlers that the updated ARRL Numbered Radiograms are now in effect. The revised list appears on page 27 of December QST and supersedes all previous lists. Copies for the updated ARRL Numbered Radioram texts are available from headquarters. Send an SASE with a request for form CD-3.(ARRL OB 1)

IT TAKES ALL KINDS ! !

I wonder who started the stupid practice of saying "Fort 4 or Slant 4" when operating portable. The way things have been going over the past few years, I beleive we can now call Amateur Radio a fine assortment of mixed nuts. - - - - ONYX

NEW HIALEAH REPEATER

SKIP has been informed, Hialeah has a new open repeater. The call sign is KA4DXF/R and is on 145.25 receive, and 144.65 transmit. The antenna is up 150 feet. Jim, N4AIZ, one of the founders says anyone is welcome to use the repeater.

P.A.R.C. HAM RADIO DEMONSTRATION

By John Lakin, W4MMW

Hundreds of youngsters were enthralled by a Playground Amateur Radio Club demonstration of Amateur Radio recently in Ft. Walton Beach.

From a transceiver set up in the Gifted Students Learning Center, over 600 students in groups of 15 to 20 listened to foreign stations, Iowa, Michigan, Pennsylvania, New York and Texas during the week-long program.

Clarence Quinlan, W4IRC, and John Lakin, W4MMW, surprised a number of the students with telephone calls to their homes via WR4ABZ, the Club repeater, as a climax to each session.

A project of the Club Scholarship Committee, the occasion was an Open House for Gifted Students of the Okaloosa County School System. Two hours a day for a full week, W4BVE, Alan Hinshelwood, W4LRC, Clarence Quinlan, W4MMW, John Lakin and W4WKQ, John Zwaska, spread the word on Amateur Radio by demonstrations of CW, HF, SSB, VHF, FM and simulated ATV, through chats about Ham Radio, and with showings of the League film "Move Up to Amateur Radio".

From the interest shown, some new students are expected for the Club Code and Theory Classes and, in years to come, more candidates from the County High School graduating classes for the P.A.R.C. Scholarships.

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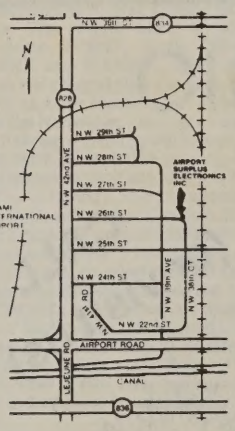
By Dick Jones, W4BTM

I like to live dangerously! I do not use fluoride toothpaste and I do not take Geritol, and I have been known to leave home without 'American Express Travellers Checks', but I am not foolhardy.

I always disconnect my antenna from my rig and ground it during thunderstorms. I always pull the plug from the wall socket when I am working on any part of my equipment, and I always discharge high-voltage capacitors with an insulated handle screwdriver before putting my hands inside. And if it is necessary to have the power on during any repairs, I always keep one hand in my pocket! Yes, I like to live dangerously, but not foolhardily!



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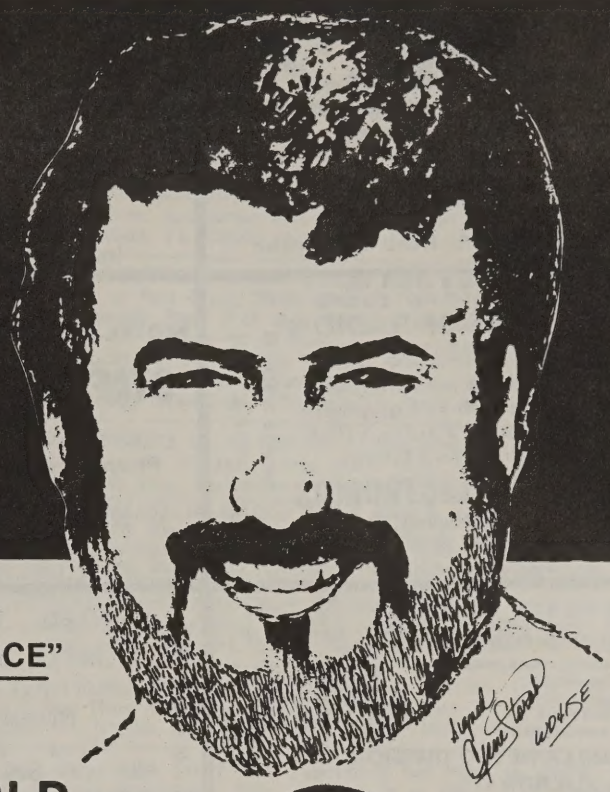

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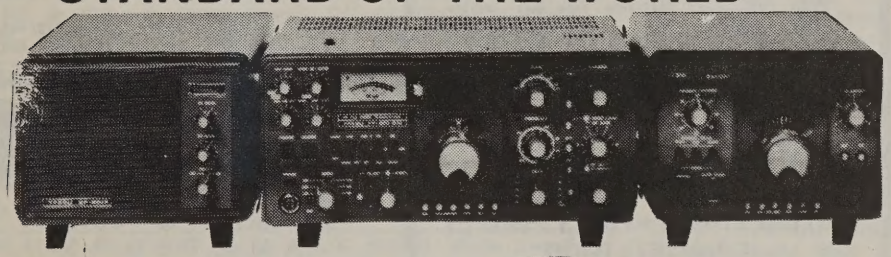

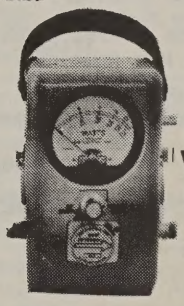

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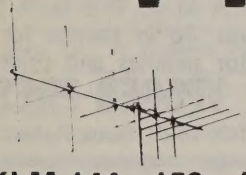

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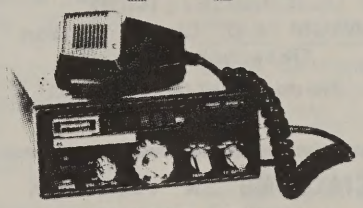

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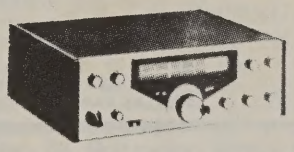

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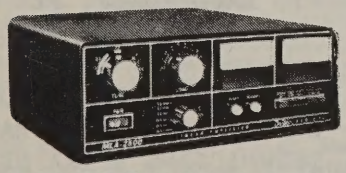

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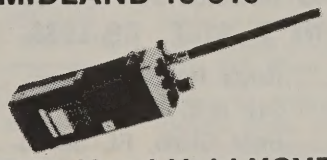

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BREVARD REPEATER ASSN. Inc. WR4AFI, 28-88, Cocoa. 146.43/147.03 Cocoa Beach. Meets 1st Mon. 1930E 1st Nat. Bank, Merritt Isl. SR3 & 520. Mail: 1003 Woodsmere Pkwy, Rockledge, FL 32955.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB, WR4ADU 146.31-.91. 2nd Fri. ea month 7:45PM, Griffin Pk, 2901 SW 52nd St. Ft. Lauderdale. Mail: Ken & Ruth Burg KA4AES-AEV Co.Sectry, 2611 SW 58 Manor, Ft. Lauderdale. FL 33316 966-1880.

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CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF. Meet 2nd & 4th Fri. at 730 p.m. Upper Pinellas County Red Cross, 624 Court St., Clearwater, FL Mail: Box 6473, Clearwater, FL 33518

COLLIER COUNTY AMATEUR RADIO CLUB. Meets 730 p.m. 3rd Tues. at Coast Federal Savings & Loan, 2400 N. Tamiami Trail. Mail: 2875 Gulf Shore Blvd., No., Naples, FL 33940.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8 p.m., 3280 S. Miami Ave., Miami. Mail: P. O. Box 350045, Riverside Station, Miami, FL 33135.

EVERGLADES AMATEUR RADIO CLUB, W4SVI. Meets 2nd Fri. each month 8 p.m. at Dade County Agricultural Bldg., 18710 SW 288th St., Biscayne Dr., at Redland Rd., Homestead, FL 33030.

FELLOWSHIP F.M. CLUB, Inc. AF4S/RPT, 147.81/147.21. Meets 3rd Tues. each month, 18301 Bisc. Blvd. (Ist Fed.S&L Bldg. Mail: P. O. Box 680284, Miami, FL 33168. All welcome.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL. Pres. K4BZS, VP WA4KKY, Tres. K4KE Sec. K5FOG, Freq Coordinator, Al Friend W4CF, 631 Lake Meggorie Blvd., St. Petersburg 33705 phone 813-866-2091 before 10p.

FLORIDORA YL'S, W4FE. Pres. Sara Clements WD4EWD, 5401 Ashmeade Rd., Orlando, FL 32810. All Fla. YLs & XYLs invited to join. Net ea. Tues 9 a.m. 3933KHz. (See box ad for details.)

FORT MYERS AMATEUR RADIO CLUB'. Meets 1st Wed. each month 730 p.m., Ist Fed. & Savings 121 Pomdella Rd. SR78A, No. Ft Myers. Mail Cash Luzny W4MPV, 4286 St. Clair Ave. F.M.33903.

GOLD COAST FM ASSN. Inc. Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730p.m. WR4ACV, 146.22/82. Traders Net 8.p.m. WB4UFA/RPT. Meets 4th Mon 730p.m. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy.,, Ft. Lauderdale, FL. ALL WELCOME! !

GULF COAST AMATEUR RADIO CLUB Meets 3rd Thurs 730pm at SW Pasco Fire Dept. Hwy 595, Holiday, E. of US19. Repeater team meets 1st Mon. 8pm at Clearwater Fed S&L Bank, Southgate shopping Center, New Port Richey.Mail Box 595, N.P.R.33552

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ, Meet 4th Wed., 730 p.m. Pan AM Bank Bldg, Sulfur Springs,. Mail: P.O. Box 271003, Tampa, FL 33688 Phone 813-886-2666.

HOLLYWOOD AMATEUR RADIO CLUB. Meet 3rd Mon. 730 p.m. Washington Fed. S&L Bldg. Rm. AB450 N. Park Rd. Hollywood. Mail: Box 6306, Hollywood, FL 33021. WB4TON. Visitors welcome.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tues. Ist National Bank, Merritt Isl. 730 p.m. Mail: Box 5, Cocoa, FL 32922.

JACKSONVILLE RANGE ASSN. K4YLX/RPT 146.16/76 & 146.28/88. Meets Ist Tues. 730 p.m. Rm. 114, Jacksonville Univ. Mail P.O. Box 10623, Jacksonville, FL 32207. Bring a friend! !

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94.Meet 8p.m. 2nd Tues. Sportsman Inn, No. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040 Phone 296-2723. Most southern RC.

MANATEE AMATEUR RADIO CLUB. Meets 4th Mon. 7:30 p.m. each month at Red Cross, 2905 59th St. W. Club call K4GG memory Earl Dannals. Mail: P.O. Box 9485, Bradenton, FL 33506

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730 p.m. Ist Presbyterian Church, Ocean & Monroe St. Jax. Mail: Ed Palagyi WB4QVK, 176 Tallulah Ave., Jacksonville 32208.

OLD OLD TIMERS CLUB (OOTC) Florida chapter. Net meets ea. Sunday 2 p.m. on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 S.W. 64th Way, Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB W4PLB 146.22/82 & WR4AFO 146.16/76. Meets 3rd Wed. ea. month 1st FED S&L community Rm., Edgewater Dr. 730PM. Info: C.E. Showalter, W4UJL 305-898-1027 or PO Box 7367, Orlando, FL 32854. All Welcome.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd. Mon. ea. month. Red Cross Bldg., 1150 S. Hickory St. Melbourne: Mail Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB. W4ZBB. Meet 730 p.m. Ist & 3rd Thur. WR4ABZ 146.19/79. Mail: Box 873, Ft. Walton Beach, FL 32548. SWAPFEST Mar. 22-23, 1980. Plan on it.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 a.m. Twistys Restaurant, Cape Coral. Left at light at W. end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER meets 2nd Sat. noon, Sept. thru May at Hilton Inn, Intersection I-4 & US 98 in Lakeland. Net 10AM 7240. More info: Bob Webb W4NY, 813 858-2431.

QCWA CITRUS CHAPTER: Meet 3rd Sat., Sweden House, Lee Road, Winter Park 11:30 A.M. Ofcrs 79-80: Chrmn G3DKS/W4, C. Street; V. Chrmn, W4NKJ, J. Walcott, Sec/Tres. W4AJX, R. Regsdale, Cor./Sec. W4HXP, E. Sailor. Join us please!

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info see Skip news or call Roy McCarty W9KA, 305-731-4145.

QCWA GATEWAY CHAPTER. Net Sat. 11AM 7230. Luncheons 3rd Sat. Uncle Johns Pancake House, Bch Blvd., Jax. Pres. K4SP, VP/NCS W2KGI, Info: J. Dixon W4JL, 39 E. 59th St., Jax 32208.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon sweden House, Clearwater, Hwy 60, Gulf-to-Bay. Weekly net Sat 9:30 a.m. 3920. Eli Nannis K4JMH, 14996 Imperial Pt. Dr. N. Largo, FL 33540.

QCWA PALM BEACH CHAPTER. Luncheon meetings Ist Tue. 1130 a.m. Sweden House, U.S. 1, No Palm Beach. Info: Ed Koeper W4ZQT, 920 Shore Dr., No. Palm Beach, FL 33408 Phone 622-9570.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat. of odd numbered months, Noon, Chateau Bleu Inn, 1111 Ponce de Leon, Coral Gables. Visitors welcome. Net, 28950, 730p.m. Thursday.

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Daveys Locker Room of Windjammer Rest. 7100 S. Trail US 41 1st Wed ea. mo. Oct. Thru May. Info: W. Blaksee 953-7616.

QCWA SWANNEE CHAPTER. Net Sat. 3940, 9AM. Pres. C. Coleman K4WJ, VP E. Cain WILFE, Sec/Tres. H. Carpenter K4JTJ, 815 Hemlock St., Inverness, FL 32650 Phone 904-726-7497.

QCWA TREASURE COAST CHAPTER. Chmn I. Roach K4QM, Sec. Tres. G. Russell K4KWV. Lunch 2nd Thurs at Sheraton Regency, No. A1A, Vero Beach. Mail: Box 3088, Vero Beach, FL 32960.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE, meets 3rd Tues. 8 p.m. Rm A-9 Sarasota Jr. Hi School. Mail Box 3182 Zip 33578

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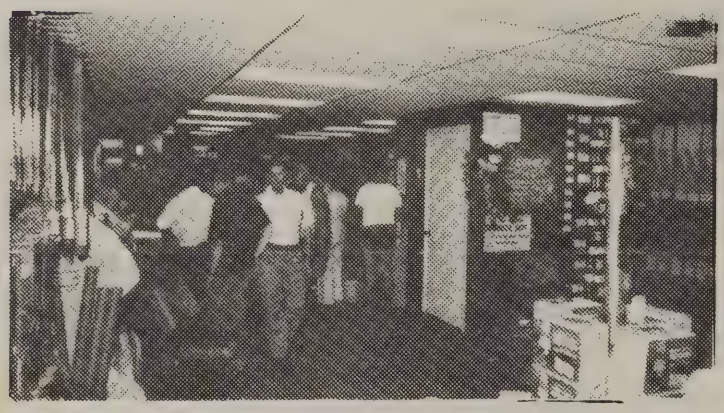

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QSY from font page

I need your advice in this matter. Should Southern Florida Section accept this offer? ? I want to do what is right for the Amateur Radio, especially ARRL Members, in Southern Florida Section, and still carry out our responsibility to ARRL NTS, as best we can. I can see potential problems.

Reference certification. FMTN can be certified as a Section-Level NTS net it it acts as one. It cannot be a Local Net. Its area of coverage is too great. It cannot be a Region Net Net. Its area is not big enough and the Region Net is already going. FMTN could be a Combined-Section-Level net covering all Florida, with approval of both SCMs, Northern & Southern Florida Sections. Such a Section-Level NTS net would have to be responsive to management decisions of both SCMs. It can't be an ARRL NTS net without being responsive to ARRL Management. It would have to be found by ARRL message format, procedures, NTS routing and coverage of its designated Section(s). It should not encourge regular participation by stations outside its designated coverage area. It would have to provide liaison to appropriate Region Net(s).

Reference operation days per week. NTS operates 7 days per week. For a Section-Level net to operate less is considered unsatisfactory.

Reference choosing own Manager. Ideally, the Manager should be appointed by the SCM after net membership and Section Leadership Officials have screened all best-qualified persons and made their recommendations. I cannot conceive of a Section-Level NTS net Manager not being a Net Manager with a certificate to that effect issued by the SCM. Such an appointment and certificate makes the Net Manager a Leadership Official – an important member of the staff of the SCM to help with management of the affairs of the Section. Regardless of how the net Manager is selected, it should be obvious that it should be a person approved by the SCM.

Reference Section Leadership designating liaison stations. Of course this is Section Leadership's responsibility. It is normally done by delegating this responsibility to certain Section Leadership Officials, i.e. Net managers. For DNTS, this heavy responsibility now falls on the AFPN Net Mgr. I beleive FMTN intends to accept this responsibility if we were to accept their 4-point proposal and disband AFPN, but this point is not clear. Indeed it is not clear whether the FMTN Manager would accept the ARRL Net Manager appointment. He resigned Leadership Official appointments (PAM and Ass't, SCM) when FMTN decided not to be our Combined Section Level net for support of DNTS. His loyalty lies with FMTN its self and not with organized traffic handling the ARRL NTS way.. Between these two, there can be no doubt where my loyalty lies.

Aside from appeasing FMTN, I am concerned about the feelings of loyal members of AFPN who have worked so hard to make it go and are doing the job in a quite commendable mannor. How are they going to feel now if we do an about face and disband the net? ?

Then there is the Southern Florida Emergency Plan, based on AFPN and 7272 kHz because FMTN would not be responsive to the SEC's requirements.

I am not sure that FMTN and its Leadership is really ready to become a full member of the ARRL team, or realize its implications. They want to be NTS, but not ARRL. NTS is ARRL – They are inseparable.

As for myself, I would find it quite distasteful to have to work with members of the management staff of FMTN who have spread so many lies, insults and inuendos about me personally during the last year. However, if it must be done, I can put aside personal feelings for the good of the cause. Me and my personal feelings are of little consequence, but the decisions we make and the actions we take in this matter will likely have far-reaching and long-lasting consequences.

So please help. Let me know your feelings and lets do the wright thing. Sincerely,

Woodrow Huddleston, K4SCL
SCM S. Fla. Sec. ARRL
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OUR FIFTH ANNUAL

STUART HAMFEST

MARCH 29TH 1980

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SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, Inc. WB4ESB & WB4ESB/R 147.90/30. Mail: Box 524071, Miami 33152. Tfc net 14300 Sat & Sun. 9-11a.m. Emgcy net 14205 & 147.510 Info & drill net Tues 9 p.m. thru repeater.

SOCIETY OF WIRELESS PIONEERS (SOWP) EDISON CHAPTER. Meet Sun. 2 p.m. 7053 kHz. Bill K4TF, CHOP. Info about SWOP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WB4MCK/R 146.16/76 KB4KW/4 146.40/147.00. PO Box 430025, Miami, FL 33143. Meet 1st Mon. Place rotates. Call Judy WD4PMK 226-9272 days or 233-9733 eves.

ST PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meet 8 p.m., 1st Fri., Red Cross Hq., 818-4th St., Mail: Box 4026, St. Petersburg, FL 33731. All Welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG, meetings 1st & 3 rd Monday 7:30 p.m. Club House, Davis Isle. Columbia & Barbados. Mail to: 2301 Scammell Ct., Apt. 1042, Tampa, FL 33612.

TEN-TEN INTERNATIONAL NET. Central FL Cypress Chapter meets Wed. 8p.m. on 28,665. K4TSY Chapter Head. For Cypress certificate work 5 holders, send log info & $1. to Bob Lucus, K4HTU, RD2, Box 2630, St. Cloud , FL 32769.

LAKE AMATEUR RADIO ASSN. Inc. K4FC meets each Thurs 8 p.m., Clubhouse, Springdale Ave., Bassville Park. Mail: c/o F. Miller Sec'y, Box 882, Leesburg, FL 32748 Phone 787-3873. All Welcome.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV meets 8 p.m., 3rd Monday monthly, American Red Cross, 341 White St. Daytona Beach, FL. Bring a friend.

AMERICA RADIO CLUB. WD4NLG/R 146.13/73. Bilingual Rptr. Net meets each Tues. 8 PM. Club meets 1st Wed. of month. Emergency 14,280MHz- 7160 MHz. (Back-up Rptr 144.75/145.35). Mail: Box 651004, Miami, FL 33165.

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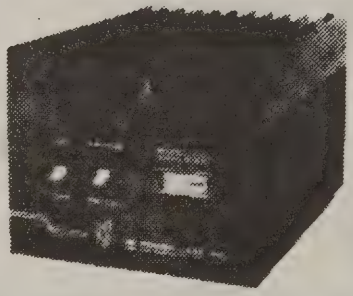

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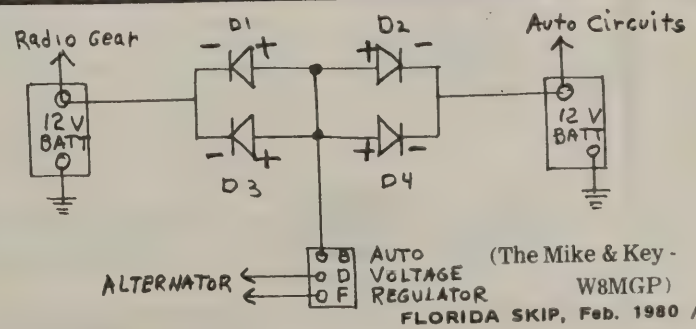
D 1, 2, 3, 4 — stud mount silicon diodes, 60 piv at 25 amps or more. Mount with usual insulating washers on heat sink.

(from 'SARA SLIP' Carbondale, Illinois.)



(The Mike & Key - W8MGP)

ANTENNA BASICS

Balanced Modulator — NOFARS

It has been said that your station is no better than the antenna . . . and most experts will agree. The antenna is the device which converts electron movements into radio waves and its efficiency determines how effective your station will be. The type of antenna which you choose should be related to your activity. If you are a DXer or a contester, then you may want the additional expense of monoband beams on 20, 15 and 10 meters. A general statement is tht no trap beam will do as good as a monobander (with the same number of elements, of course). Whenever traps are used to make the antenna operable on several bands, you pay the price in the form of reduced efficiency because of less radiation surface. To summarize, the first choice of most serious operators is a monoband beam . . . one for each band of operation.

Speaking in more practical terms, the **better "trap" beam** will come close to the performance of monobanders with the additional advantage of covering usually three bands (10, 15 and 20 meters). We're talking about big trap beams such a the Classic 36 or TH6DXX which are much larger than the TA-33 or TH-3 small beams you may have seen. These large beams sell for around $300 new but are very well constructed. So a large trap beam would be second choice.

Then of course, you have the **small trap beams** such as the ATB-34, TH-3, etc., which are scaled down but are nevertheless directional. These can be turned with light duty rotors and are cheaper as well ($200 price range). For many operators, these are good compromises and along with a reasonable amount of power will give you good service. These are in the third category.

For those unable to employ a beam, a **good half-wave dipole** is probably the next choice. Some are even made of tubing so that you can rotate them. Dipoles are easily constructed and have some directionality (although in two directions) and if put up high can do a good job.

If you live near a good ground, you might consider a **vertical** instead. The vertical has less gain but is non-directional.

For the experimenter, there is a wide vareity of **wire antennas** available. You can consult several antenna books on these including the one put out by Bill Orr, W6SAI.

HAM PUBLICATIONS AT A GLANCE

Balanced Modulator — N4UF

Several amateur radio publications are available catering to most interests. For your convenience we present a listing of these with rates, QTH, etc.

PUBLICATION	YEARLY RATE	QTH
QST	$18.00	225 Main St., Newington, CT 06111
CQ	10.00	14 Vanderventer Ave., Port Washington, NY 11050
73	18.00	Peterborough, NH 03458
HAM RADIO	18.00	Greenville, NH 03048
HAM RADIO HORIZONS	10.00	Greenville, NH 03048
FLORIDA SKIP	4.00	P.O. Box 501, Miami Springs, FL 33166
WORLDRADIO	8.00	2120 28th St., Sacramento, CA 95818

Each of these publications emphasizes certain aspects of amateur radio (although not ignoring others). These are as follows based on recent issues that your editor has seen.

QST: ARRL News, Operating Activities, Construction, Traffic, DX, and Public Service.

CQ: DX, Contests, Construction Articles, and International Aspects.

73: Very heavy in Construction Articles, Contests, and VHF.

HAM RADIO: Heavy in Construction Articles, Technical, VHF and Repeaters.

HAM RADIO HORIZONS: General Interest, and Newcomer-oriented Articles.

FLORIDA SKIP: Florida news, Traffic Nets, MARS, and State Club News.

WORLDRADIO: Public Service, Traffic, Club News and Novice.

Most of these are happy to send sample copies and all will supply details if you drop them a line.

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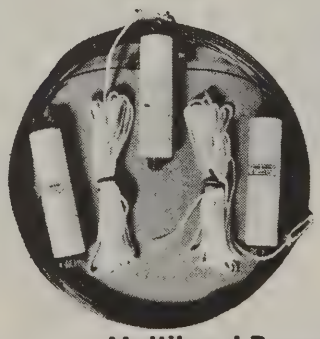

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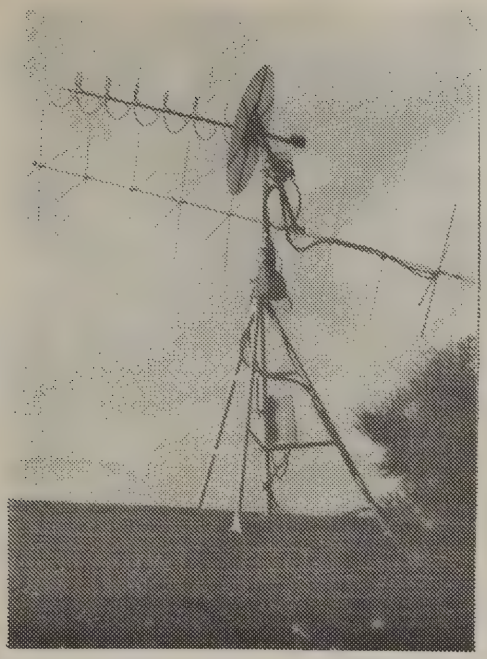
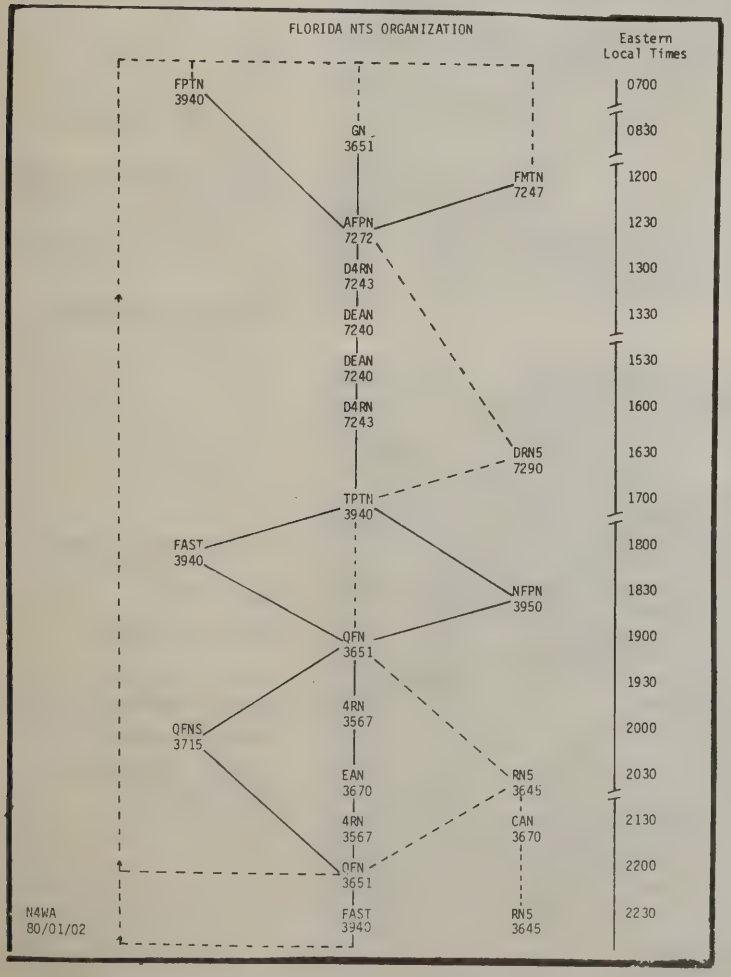


JIM TUMILTY W4MID's OSCAR antenna system. Jim says the omni's work but the beam is better. This system uses a standard Cushcraft twist with switchable polarization for 2M. For 70CM. a homebrew 6 turn helix-right hand circular polarized. Inexpensive TV type rotors control azimuth and elevation. The box in the middle of the tripod houses a 70 cm. transverter. No adjustments are required on this device and all switching is done remotely from the shack, about an 80 foot run. Feedline losses at 70 cm can be considerable, this is the easiest and least expensive way to avoid them. Results with the helix have been excellent. Remember both the 70cm. uplink and 2M downlink on Phase 3 will be right hand circular.



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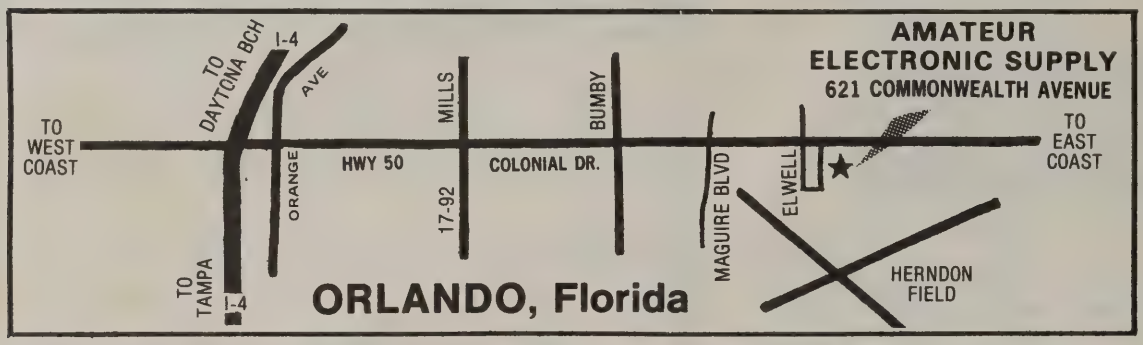

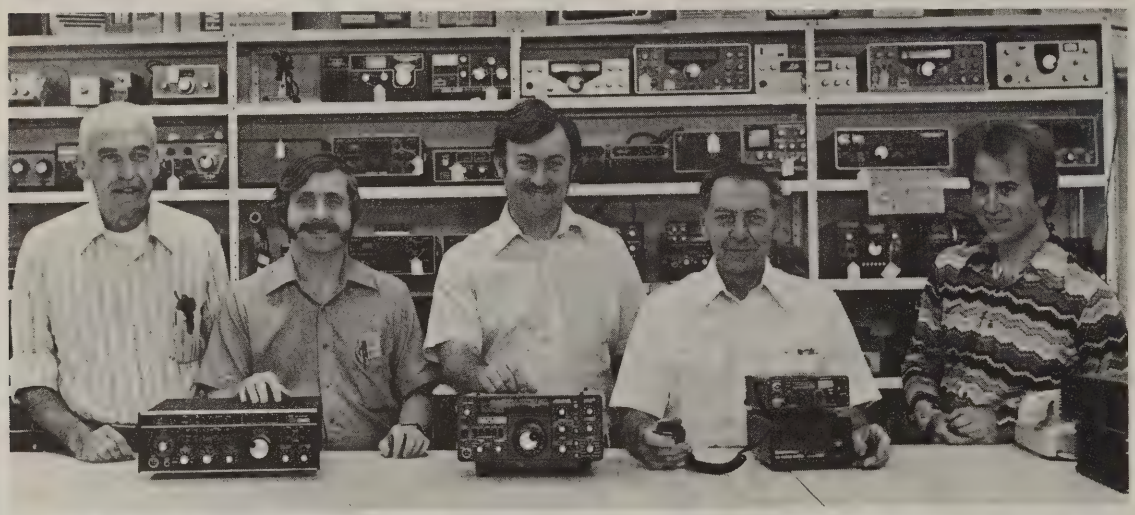

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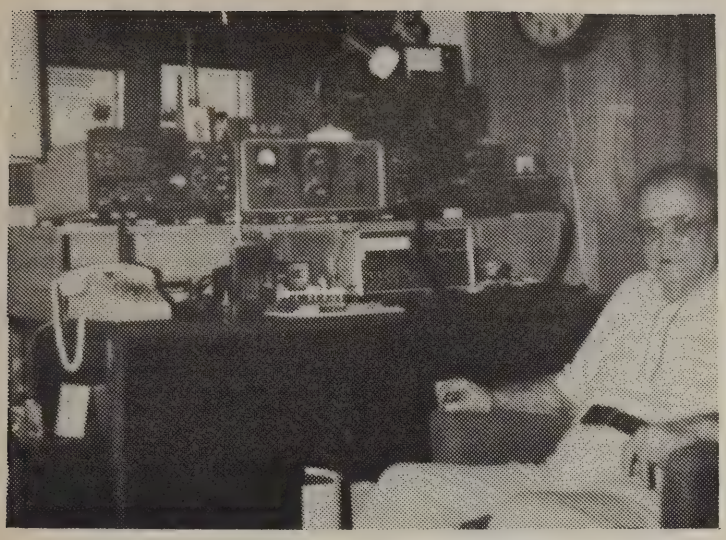

One of Florida's old old timers is Tony Litschauer, W4JQ of Miami Lakes ex West Palm Beach. As the photo shows Tony is active on all bands but mostly on 75 and 40 SSB. He also works 2 meter FM with his many friends in the area. He also has an electric wheel for outside transportation.

CQ - CQ - CQ

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VHF'ERS ROOST

By Frank Shannon, K4GT

ATTENTION 6M "BUFFS". If you haven't "fired-up" your 6M rig lately, you are missing out on some most unusual "skip DX" — reports from WB4OOJ, Julio, Tampa; KR4X, Larry, Tampa; WA4HEF, George, Dunedin, and numerous others; have been making contacts with "overseas" stations — including Ireland — and the seldom QSO'd KL7 Alaska 6M stations! Understand, from some of reports, that some European QSO's were made by "cross-banding" 6M and 10M. How does one "score" such a QSO? Mmmmm! Have to "check-up" on that!!

SCANNING AROUND ON 2M FM. The "scanning feature" on Ye Scribes' ICOM 21-A, plus its DV 21 digitized VFO "box," picked up strong signals from new repeater located at Lecanto. According to its digital read-out — 146.395 MHZ "In" and 146.995 HMZ "out". At least, it's a new one for this column! On November 14th QSO'd an old friend, WA1ASN, Warren, formerly of Rhode Island — our last QSO was on 6M SSB some 13 years ago during "skip" conditions to New England states. He has been "off the air" for the last six or seven years — and now reappears on 2M FM, having moved to Florida — Warren, help keep Florida "green"!!

BELIEVE IT — OR NOT!! On occasions you will meet a "Ham" who is persistent in declaring he will not "show up on 2M FM." Well, Fellas, K4ATW, "Clay," Largo, has, at last, succumbed to the "lure" of 2M FM! Yes, Clay, unfastened that big safety pin on his "pocket book," and purchased a Midland 13-510 2M FM Xcvr from the estate of Silent Key WA4VLG. It's synethesized, digital readout, 1 and 25 watts. He plans to purchase the famous imported English "Skeleton slot, J-Beam" antenna, so fellas be on look out for Clay's "maiden voyage" on 2M FM. Clay was charter member of old 11 year old 6M net known as "Medicare Net," daily at 9:30 a.m. local time, 50.150, horizontally polarized — this old VHF net has lost (Silent Keys) many members — but is still struggling and has quite a number of new members — give it a "try"! It's SSB.

HITHER N' THITHER. QSO'd K4BBU, "Ron" recently — Welcome to 2M FM, Ron has been on this popular band about two months. Understand that WA4IIC, Dick, is formerly a resident of Rhode Island. Dick, in association with his Dade, operated a well-known fishing boat out of Perth Amboy, located in the "Skeeter State." Your Scribe enjoyed many visits to this area during his youth — lots of pleasant memories! Heard one of those "2X1" call signs, KN4Y, "Ed" visiting Tampa from Jacksonville. Sez he's had call sign since October — he was in QSO with N4BNZ, "Roy" and K4KBK, "Les," VA employee who is really popular over 2M FM in Tampa Bay area. Heard W4LRH, "Bob," aboard a Cherokee 4-seater aircraft, flying in Venice-Ft. Myers areas. Bob caught our attentin by usage of "aeronautical mobile" — believe this is incorrect usage, it's just "Mobile" while within limits of "Continental U.S." Likewise, when aboard pleasure watercraft, it's just "mobile" when nagivating inside U.S. waters — not Maritime mobile! Believe, when outside U.S. limits, it's correct to add-on "maritime mobile, Region 2" — or "aeronautical mobile, Region 2. Learned this from our friends, seagoing "hams" W4ROM, "Jim," and Eddie, N4QU (Formerly WA2VKY), he is also aircraft pilot. Nuff sed! Have lots more but here's where Andy sez QRT!

THE TEN COMMANDMENTS OF A REPEATER

From Sine of the Times Newsletter. ICARC, Inc.

1. Thou shalt give way to stations with emergencies and assist in all ways that station.
2. Thou shalt listen before thou transmittith to be sure that ye have not smitten another's signal.
3. Thou shalt partake of the conversations at thand and thou shalt not disrupt the orderly flow thereof.
4. Thou shalt desist thou transmission when the voice of thy signal is weaketh and thou shalt refresh thy batteries before renewing.
5. Thou shalt not commit doubling and shall insureth that you truly have it by lifting thy PTT button and listeningeth.
6. Thou shalt not smitten another's signal intentionally lest he smitten you on the nose in return.
7. Thou shalt not killeth the repeater by allowing the wind of thy signal to exceedeth the great timer on the hill.
8. Thou shalt cleanseth thy signal of impurities and keepeth thy signal on the frequency and bandpass lest thou spilleth over onto adjacent repeaters.
9. Thou shalt await the duration of the beep for the breaker to deserveth his chance.
10. Thou shalt honor the wishes of the Great Pumpkin for his is the presence that maketh the big machine go.

W3BMD

WB4HBJ GOT HIS WISH

For 20 years, William J. Freedman, WB4HBJ flew into eyes of hurricanes, growing to love the serene centers of nature's greatest storms. "When I die" he would say, "Make sure you scatter my ashes in a hurricane." He got his wish in Hurricane David. Bill flew across the eyes of 400 hurricanes for the National Osceanic and Atmospheric Administration. Freedman died June 9th last year, as SKIP reported several months ago.

His longtime boss and friend, James McFadden, Kept Freedman's ashes in a box in his office, waiting for a hurricane big and strong enough for his friend. Amelia, Cora, Ella, Greta and Kendra all passed in 1978 without being worthy. This year, Anna, Bob and Claudette failed to meet the test. But David seemed to be the kind of storm that comes perhaps once in a century. "David was it." McFadden said. So a silver-and white airplane flew into David's eye and WB4HBJ's ashes floated lightly into the sea as the storm marched across the Caribbean 90 miles southeast of Puerto Rico.

Tom Nunn, W4QDV, a co-worker with Bill said the exact time was 708 a.m. Tom and Bill were good friends and sometimes while not busy found time for a few QSOs on 20 SSB from N O A A flights 44 and 45. Ye editor also worked Tom and Bill on the commercial frequencies 8959 and 11367 SSB when they had trouble getting their traffic thru on the Air Force frequencies. R.I. P. OM.

DAH DIT DAH DIT DAH

In a recent issue of QST Geo Hart, W1NJM had a few paragraphs on code spacing. I have fussed over this spacing business with many hot shots for years. They would argue that if you were a good operator you could copy anything. I'd argue that that was beside the point. It was the quality of the sending not the ability of the copier and round we would go.

Speaking of styles it is spacing that makes some of these fellows sound like they are falling down a flight of stairs or running to catch a bus. It is spacing done correctly that makes others sound like they are writing it on the wall for you.

Getting back to George -- I don't know anyone with more CW background by avocation and vocation than George. I've worked him as far back as 53 years ago when he used to share the call 3NF with his brother ED. Even in those tender years his diaper rash did not bother his style.

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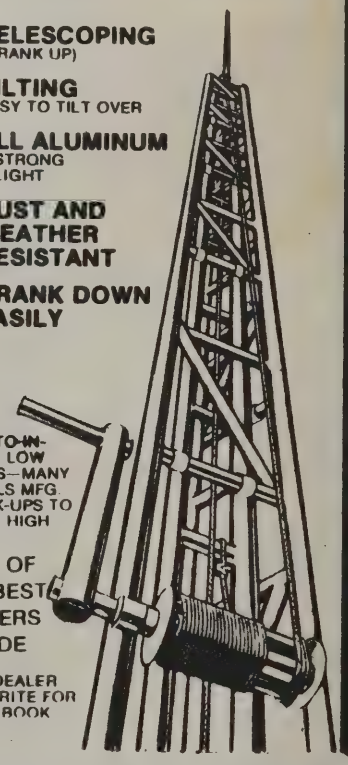

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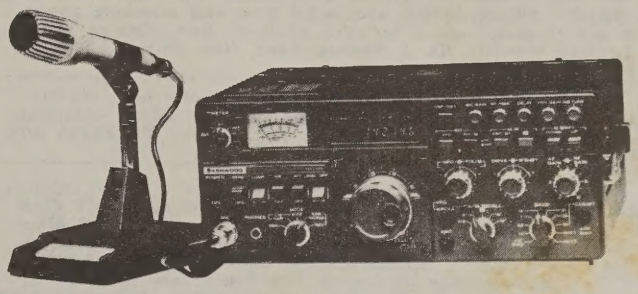

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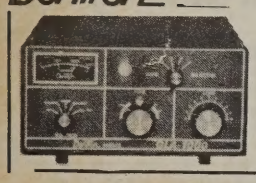

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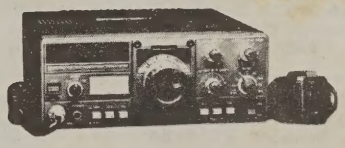

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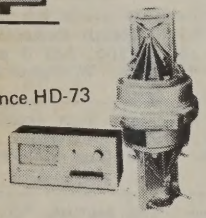

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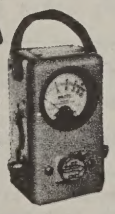

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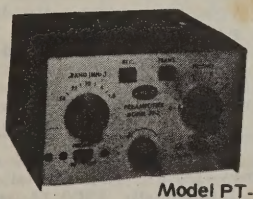

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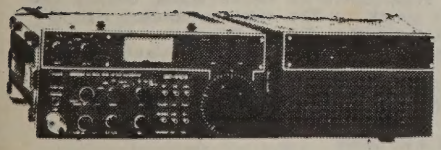

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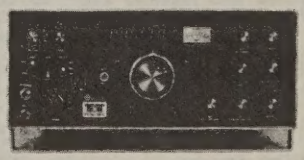

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FOR SALE: SWAN 500CX with ss-16 filter and matching power supply and speaker, manual included $500. or best offer or barter. Bob Ledford WA4IDI, Rt. 1 Western Road, New Smyma, FL 320-69 904 427-9416.

FOR SALE: WILSON MK II Handie talkie, includes batt. charger, leather case, flexible ant, 16 button tt-pad, all, excellent condition $225. Tom King WB4ILH, 5806 Keith Rd., Jupiter, FL 33458 305 746-7589.

FOR SALE: Yaesu FT-101EE 10-160M transceiver with AC/DC pwr supplies, 6 kHz AM - 2.4 kHz SSB - 250 Hz CW filters, FT Club double balanced Mixer Mod. in 2nd IF $550. Yaesu YO-100 Monitor scope (matches 101 series) $150. Spectronics DD-1 Digital display for FT-101 $100. All three above units $750. Pick-up. Yaesu FT-227R. 2 meter mobile transceiver with touch tone mike $250. KLM PA15-160BL 2-meter FM/SSB amplifier $200. Drake MN-2000 Kw transmatch $180. All units are in mint condition. Bill Whitaker WD4JKM, 13360 S.W. 50th St., Miami, FL 33175 305 223-5782 evenings.

FOR SALE: Dentron GLA 1000 1 Kw linear amp. Brand new, unused $260. My station going QRP. Tom Mosby W4VBW, 3428 Flamingo Ave., Sarasota, FL 33581 813 349-4851.

FOR SALE: TRS 80 level II 16K RAM, CTR recorder, 12 inch TV monitor, M80 RTTY interface (not check out) $600. firm. Ten-Tec Triton-4 transceiver $500. Tubes 4CX1000A, old looking, but unused $50. each. 4CX250, used $10. each 6146A, new $5. each B&W 800 coil, new $50. RTTY parts, about 75 pounds of parts, including subassemblies $200. Doug Snowden N4IJ, 101 Hialeah St., Palm Bay, FL 32905 305 725-8507.

FOR SALE: HW-101 transceiver with SB-600 speaker and power supply. WANT: to make someone good deal $300. or will talk. Robert Campbell WB4JPK, 4416 Wyoming Ave., Tampa, FL 33616 813 839-3741.

FOR SALE: GALAXY station, GT-550 with a.c. supply, remote VFO - RF console, deluxe accessory console, shure 450 mike, dummy load, Galaxy 2000 linear plus power supply $700. Chet Kimball WA4YQK, 1460 So. Betty Lane, Clearwater, FL 33516 813 442-3769.

FOR SALE: SWAN 250C, 6 meterSSB/CW transceiver with noise silencer and 2 manuals $275. SWAN-210 VFO selector 50-51, 52-53, 53.5-54.0 Manual $55. SWAN-117XC supply/speaker $75. Also SWAN TV-2B 144-148 Transverter and manual $100. All excellt condition. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. All above FOB.

SALE: VOMAX speech processor (new hamfest prize) $125. SABA/5-3T pre-amplifier for transceiver or receiver $45. New triplette 666R VOM, leather case $28. Money order, I ship. Joe Warren WA4RVT, 3402 San Pedro, Tampa, FL 33609 813 839-6408.

FOR SALE: DRAKE phone patch mod. 584-A. Blair Madsen W4KXP 5800 SW 36 Terr., Ft. Lauderdale, FL 33312 305 981-4226.

FOR SALE: SONAR FM Monitor rcvr mod. FR-105, 6 chnls loaded with police and repeater xtals, all cords and manual . Freq range 150-174 mHz. $60. 115VAC/12 VDC. Clegg 22'er FM with Vanguard frequency synthesizer, mike, manual 115VAC/12VDC. Tunable receiver 145.4 to 148.8 MHz. perfect for CAP or MARS splits. $110. NPC Electronic power supply, mod. 104R, 115 VAC in at 13.6VDC 6 amp max out. Dual overload protected, like new in box, $20. B&W Coaxial switch mod. 376 5-positions, new price $18.95 (new won dor-prize) asking $15. B&W coaxal switch mod. 550A same as above, used with pointer knob $10. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. All above plus UPS.

FOR SALE: Regency HR-220, like new, 3 set repeater xtals, including Vero Beach $130. Earl C. Snyder W4AYD, 503 SE 7th St., Okeechobee, FL 33472 305 763-0916.

ESTATE SALE: Heath 5 inch laboratory scope and manual, OK $100. Ham-M rotor & control with 75 ft. control wire and manual $75. D-104 desk mike $20. Heath desk dynamic mike model HDP-121, like new, $30. Sensiphone earphones $5. Cash & carry. Ray Williams K4-DLM, 2200 W. River Dr., Margate, FL 33063 305 972-4354.

NOTICE: ALL HAMBARS MUST BE IN BOX 501 BY 10th of EACH MONTH'. IF ARRIVE LATE WILL BE PUBLISHED FOLLOWING MONTH'. THANKS, Editor.

COLLINS MECHANICAL FILTER F-455 C 12 Part No. 522 9041 002, like new $15. each - have 3. Collins power supply, standard 19 inch panel by 10" hi. 115VAC in with following outputs: 160 /minus, -150 R, -400 plus300 and plus 150R, all at least 80 ma. Has 3½ inch metered on all voltages, beautiful construction $15. Heathkit 2 cross-over enclouses, all wood, lite oak, 10H X 23W X 12 deep, has trible control, only $17. Electro-Voice Bookshelf speaker system, 8 inch full ranger speaker, 50 to 13,000 cps response is conserviate. All wood construction. About same measurements as above Heath.$15. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

NOTICE: PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it will delay your SKIP as long as 4 or 5 days, we are told. EDITOR.

WANTED: Professional Press Relations amateur in Miami area to join the Dade County ARPSC Planning Committee. Get details from A. Clark W4IYT EC Dade County phone 888-3874.

FOR SALE: Commercial built "foot switch" by General Control Co. Has heavy duty d.p.dt. switch. Perfect for contest, F.D., operators work shop projects, dark room work etc. some with cords $5.50 each. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. FOB

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WANTED: Hallicrafters HA-20 VFO for SR-2000 or SR-400/A not working OK. Prefer with manual. SELL: Over 3000 radio & TV tubes, many obsolete. Will consider trading for gear. Denny Wise, KA4FGG, 4160 NE 17th Ave., Pompano Beach, FL 33064 305 782-0537 after 7 p.m. please.

FOR SALE: HW-100 with a.c. supply mounted in Heath SB-600 speaker and Shure 444T mike $350. Heath Console mod. SB-630 $100. James Millen transmatch ser. 92200, full 3 kW range $200. FOB. Joe S. White N4JO, 535 28th St., W. Palm Beach, FL 33407 305 832-7056.

FOR SALE: COLLINS 75S3 wing, excellent condx. $400. Collins 32S1 wing, excellent condx $450 with solid state power supply all for $800. D. R. Hall WB4EIN, Rt. 3 Box 192, Pensacola, FL 32-504 904 477-6888.

SELL: ROHN 25G 45 ft. tower, top section, hinged base, knocked down $150. Ham-M rotor $85. Hy-Gain 204BA $125. 402BA $115. BN-86 balun $12. Two Hustler 5-BTV verticals $75. each., Dentron 160-10 meter dipole $15. Kirk 5 element 6 meter yagi $45. Yaesu 650B transverter $150, brand new. Millen 92200 transmatch $135. Keathkit HO-10 monitor-scope $55. Electrovice 719 microphone $15. MFJ 200 W. antenna tuner $40. Speach processor $40. Millen grid-dip meter $75. Homebrew kKw plus all band linear, pair 3-500Zs separate 3000 V. power supply $500. and a lot more... Mike Enciso, AA4CM, 906 El Rado St., Coral gables, FL 33134 305 444-6609.

FOR SALE: DENTRON GLA 1000 1 Kw linear amp. brand new, unused $270. (XYL gift for QRP station!) Tom Mosby W4VBW, 3428 Flamingo Ave., Sarasota, FL 33581 813 349-4851.

FOR SALE: COLLINS 30L1, good condition $500. firm. A. M. Tischer K4BLH, 360 Church Road, Tequesta, FL 33458 305 746-7328.

RTTY info tech M3000, tri-mode keyboard and trimodeconverter, M200E, like new $700. UT-4B, dual crystal clock, power supply, cabinet lettered, wired professionally $200. Autek Q F-1 fileter $40.00 Bill Ross W4MSI, 2990 Alton Dr., St. Petersburg Beach, FL 33706 813 360-8501.

FOR SALE: Henry Electronics RF amplifier model 130A30 for 2 meter VHF/FM, tuned 146 MHz. Drive 20 to 40 watts, output 130 watts. mint $110 firm. Also Heath SB-614 station monitor virtually new, perfect $100. firm. Also Mosley TA-40 KR meter add-on $40. firm. Fred Van Aalst WD4RAF, 1921 NW 41 St., Oakland Park, FL 33309 305 733-7222.

FOR SALE: MOBEL rig, Galaxy GT-550A - 1000d.c. power supply SWR meter, all $350. Chet Kimball WA4YAK, 1460 S. Betty Lane, Clearwater, FL 33516 813 442-3769.

WANTED: 1920's-30's antique radio gear, crystals, battery and a.c. sets. Tubes, speakers, parts, books etc. Any condition. Collector will buy or trade. Richard Cane, 8391 NW 21 St., Sunrise, FL 33322 305 741-6838.

FOR SALE: Complete collection of HAM RADIO magazine, in binders through '76. Excellent as mailed condition $200. You pay shipping. Midland 13-500 2 meter transceiver, works OK $100. Nick Adams WA4YKV, 3009 NE 14th St., Gainesville, FL 32601 904 - 378-7015.

FREE: Once again, FLORIDA SKIP is offering it's members a new calendar. A multi-colored, 3½ X 5¾". Each month page shows, last, present and next month in large black numbers. It also shows moon-coverages and all national holidays. We have sent out thousands in the past 20 years. To get yours, send self address stamped envelope to SKIP CALENDAR, Box 501, Miami Springs, FL 33166. P.S. we also send FREE - FCC Form 610's on request with SASE.

FOR SALE: Galaxy V Mk II power supply, RF console, deluxe accesary console, shure 444 mike. $300. Chet Kimball WA4YQK, 1460 So. Betty Lane, Clearwater, FL 33516 813 442-3769.

FOR SALE: Heath SB-500 2 meter transverter $125. IG-82 Sine Square wave generator $20. HM-10 tunnell dipper $20. HD-20 calibrator $10. Ballantine Electronics voltmeter mod. 310-A $35. 5-BTV verticel $65. MO-1 fold-over mast $15. RM-20s resonator $10. QD-1 qucick disconnect $7.50 C-32 ball mount $5. Johnson bi-net resonator $10. Shakespear 80M whip $10. Selling these items for widow of silent key. Chet Kucyn W2BTP, 200 Everglades Blvd. Stuart, FL 33494 305 334-5078.

WANTED: When sending in HAMBARS PLEASE give your name, call, zip, aera code and phone number. Make it easy for people to contact you! Thanks – Editor.

FOR SALE: BOGEN AM-FM, 20 watt receiver. AM has stage of RF. Can pick-up BC DX from all over country at night. Perfect for multi-speaker operation, such as doctors office, factory, back= ground music etc. Also has mike, phono, aux inputs. In all wood cabinet 16" H X 12" W X 12" D. $30. Andy Clark W4IYT, 41

FOR SALE: Antique HRO in original condition, mod. MX with 6.3V glass tubes, 4 sets of coils in box, with spare tubes, homebuilt power supply $250. plus UPS. Also IC-215, 2 meter FM portable transceiver with 9 xtals for 52/52, 31/91, 01/61, 34/94, 25/85, 22/82, 94 tr., 28/88, 16/76 with rubber duck, c size ni-cads, mike $125.00 plus UPS. Monty Hart, Box 1059, Boca Raton, FL 33432 305 - 391-0285.

FOR SALE: Mosley 32 Jr., 2 element tri-band beam 10/15/20. Plus CDE AR22 rotator, Hy-Gain balun and approx 50 ft. Belden RG8U coax $65. for all. Theron Wheelock W4DYZ, 12 W. 39 Pl. Hialeah, FL 33012 305 822-5816.

TRANSFORMERS REWOUND ! ! Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32806 Phone 305 425-7251.

Sell: Hustler Mobile mast, RM15, RM20, RM40, RM80. Original cost $74.62. Your cost $49.00. Also B&W Adventurer, portable antenna 10-15-20 - 2 meter for window, patio, railing use $22.50. Murray Finer K1GGP/4, 3177 So. Ocean Dr., Hallandale, FL 33009 305 - 454-6601.

FOR SALE: FT-101EE transceiver, phone patch speaker, digital readout, like new, $600. firm. Autek filter $35. Autek keyer $70. Dentron Super tuner $75. B.J. Peters N4BAD, 656 Deleon Dr., Miami Springs, FL 33166 305 888-7217.

FOR SALE: QST Jan. 1962 thru Dec. 1975 complete, mint condx $2.50 per year, you pick up. Ed Johnson W4RGL, 161 Diane Circle, Indialantic, FL 32903 305 773-3244.

FOR SALE: COLLINS 75S1 and 32S1 and 516F2 power supply & all cables. One set crystals for receiver, set crystals for transmitter. Both units in excellent working condition. Solid state rectifiers on power supply, with all manuals $650. complete. Gladwin U. Reed KA4EBC, 927 Nightingale Ave., Miami Springs, FL 33166 305 885-5298

FOR SALE: TS-520 transceiver, with speaker $475. good condition. Eino Karppinen WA4QBJ, 111 W. Gardenia Dr., Orange City, FL 32763 904 775-6028.

FOR SALE: D.C. power supply, 110-130 VAC in, and 48VDC output at 5 amps. Can be converted to 24 or 12 VDC . . output. 19 inch rack mount. Built for FAA $15. Inter-comm by Teletalk, walnut wood case 12W X6H X7½" D with 24 remote station switches, 115 v.ac. operation $20. VHF pre-amp 125-148 MHz with 115 ac supply, 19" panel X 3" high, 2 "N" type in/out connectors $15. VHF fixed tuned 108-152 MHz, 115 v.a.c. operation receiver, type RV-3. Very not!! Was built for FAA ATC/tower use. Orig. cost over $900. With complete manual only $55. Wilcox VHF, all most same as RV-3 $40. each. CONAR color generator, cables & instructions $50. All FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

HARD LINE LOW-LOSS COAX. Alum. jacket, 50 ohm. .40 cents per foot. pick up only.Have about 400 feet no. 8 antenna wire which can stand up in hurricane only .05 per foot. No ship. Also have connectors for same. Lapp insulators 5 1/2 inch .75 cents each. 10 inch $1. each; 11 3/4 inch $1.50 These are the very best money can buy!! Don't go 2nd class, go first. Plus shipping. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: Fixed tuned receivers, 118 to 152 Mhz, 115 v.a.c, with speaker output, can be operated remote control, Wilcox 606A with manual $50. FAA model RV fixed receiver 118 to 152 Mhz, 115v. a.c. Cost Govt 7 bills, beautifully built $75. FAA model TV-28, 65 W. AM, 118-152 MHz transmitter with blower, manual, with all power supplies, standard 19 inch rack mount. Can convert to FM or 80W FM amp, all for $70. FAA UHF rcvr 200-450 MHz, fixed tune, 115 V.a.c. with manual, one left $38. All fob. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

AMATEUR CLUB EDITORS, etc: Make bulletin mailing easier! ! ! Have a small (12" X 9) Addressograph Multigraph address machine model 30, hand operated, new condition with Multigraph 6-drawer cabinet (max 1200 plates) all for only $90.00 – a $400. value. A. Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874. You pay ship or pick up.

FOR SALE; Telephonics Corp, 500 ohm earphones, good condition $6. Trimm Feather - weight 500 ohm earphones, good condition $7. Lafayette HA-52 FM communications receiver, 150 to 175 MHz, excellent with manual – could be readjusted to 145 up..$45. Realtone stereo Multiplex AM-FM receiver, good condx with book $25. Juliette AM-FM Clock radio, very clean, works good $12. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

N O T I C E.... When sending in HAMBARS, always give YOUR CALL SIGN. We have had reports of non-amateurs selling stolden amateur equipment via this column. Also give full mailing address ZIP and phone numbers.....Thanks, Editor.

FOR SALE: 2 meter SQUALO antenna, for mobile or fixed operation $12. DYCOMM 115 Vac in 12.6 VDC at 15 amps out - regulated, in self-contained cabinet. mod. 1416, excellent with instructions $50. TPL Communications 2 Meter VHF FM power amplifier 10W in 120W out. Operates on 12.6 VDC., Like new in orig box. $65. ICOM-230 , fully synthesized with added .05 xtals, excellent, with AC/DC cords, mike, in orig box $185. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

DRAKE STATION FOR SALE: T4X, AC4, MS4, R4A with full 10 meter crystals, 10 MHz and 15 MHz WWV, 160 meter crystals. All in fine operating condition with manuals and cables, new finals in T4X. $499. Bob Strid W4OLL, 1390 87th Ave. No., St. Petersburg, FL 33702 813 576-3577.

R E W A R D R E W A R D $ 3 0 0 . 0 0 R E W A R D
The complete American Radio Club of Miami repeater 146.13/.73 was stolden from it's home. Be on look-out for following gear – Power-Comm repeater with xtals and WD4NLG/R IDer. R. F. Power Labs V-70., RAP-200 auto patch by Data Signal Co., 4 WACOM duplexers model W6-39. Telephone control system. A $300.00 reward is offered in the recovery of the above equipment. Notify Miami Beach Police or call WB4NLG. Miami 305-552-5818 collect in evening.

FOR SALE: Drake 4C, T4XC with AC-4 and MS-4, mint condition, original owner, 20 hours log time, all for $950. I-com 230 $175.00. Drake TR-22C $125. TS-520 mint $525. Yaesu FT-202 with ni-cads and case $155. Mini-quad HQ-1 $50; World engine 4 chnls R/C with 4 servos $125. Jim Standafer K8HEY, 2565 N. Atlantic, Daytona Beach, FL 32018 904-252-6467.

FOR SALE: Heath SB-303 with a.m./CW filters, SB-600 skpr, SB-620 spectrum analyzer, SB-640 station console. All in working order with manuals, test boards, etc. Original owner. $490 includes UPS. Ken Lenz WA4ABR, 3240 NW 63 St., Ft. Lauderdale, FL 33309 305 - 974-8076.

FOR SALE: Heath HM-102 (HF) SWR/wattmeter $35. 1 year old. Have two pre-amplified base station microphones., Astatic D-104C, Black, almost new $55. Turner CS-1, gold, still in Box $45. I ship if paid by cashiers check or M.O. Lee Robenson WD4LZX, 845 Pamela Dr., Milton, FL 32570 904-623-6448.

ANTIQUE RADIO COLLECTION: Entire collection for sale, as a package only. Over 50 radios, speakers, books, mikes, parts etc., Serious collectors only, no lists, but personal appointment only. Al Canning, 6 Camellia Dr., DeBary, FL 32713 info 305-668-8437, best time 10 a.m. to 4 p.m.

FOR SALE: TH3 Jr. with Balun $80., 1 year old. Bill Banks KA4-AYZ, 9880 N.W. 4th St., Pembroke Pines, FL 33024 305 431-5922.

SALE OR TRADE: HW-101 with CW filter, HP-23A, SP-600 & SB-650 $425. Ten-Bec 540 with blanker, CW filter, 262M P.S. with VOX & 1140 breaker $650. 405 Argonaut amp. with 251 P.S. $275.00. All equipment in like new condition with "S" line. Bob Borum KD5H, 14022 Los sancho No. 175., Dallas, TX 75240 214-783-8083.

TRADE/SELL: New SBE-36 digital 500 Wts. 10/80, 120/240 vac Power supply/speaker, 500 KHz bands extra for MARS etc., manual. Mint all respects guaranteed. WANT: Argonaut 509 with linear mint consider Century 21 dig. interested?? Write. R. Locke WB4LUE USN/FAA ret., 10177 106th Terr. N., Largo, FL 33540 392-2405.

WANTED: Manual whole or part for Hammarlund SP-600 receiver. Will buy, borrow and copy etc. Bruce Melvin WB4NZZ, 540 SW 106 Ave., Sweetwater, FL 33174. Work, 2nd shift 873-7986.

COMPUTER errors will never replace human stupidity ! ! O n x y

FOR SALE: DRAKE TR-72 2M transceiver, 23 xtal positions and 12 filled, also power supply and stand. All mint condx $150. Harry Claypool AG3X, 6314 SW 26th St., Miramar, FL 33023 305-966-0970

FOR SALE: Heath SB-200 brand new with 10 meters $390. Erv Friedlanier K4HEM, 7481 S.W. 18th St., Plantation, FL 33317 305 791-7481.

EDITORS NOTE; LIST YOUR CLUB OR NET FOR ONLY $14. PER YEAR; $1. FOR EACH LINE OVER three. SUBMIT COPY BY 8TH OF EACH MONTH. THIS DIRECTORY IS MORE FOR SERVICE, THAN INCOME. THANKS!

N O T I C E ! ! PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it delay your SKIP as long as 4 or 5 days. Also when you move give us OLD and NEW address at least 7 days in advance of move. Tks. Editor.

FOR SALE: New Yaesu 901DM with new SP-901P speaker-phone patch and new maintenance service manual FT-901DM. List price for three items is $1551.00. Yours for a full 20 % off list price $1240. Howard Reiziss , 7221 SW 130 Ave., Miami, FL 33183 305-596-6970.

FOR SALE: Heathkit Apache and Mohawk with SSB adapter $150. C.P.I. converted c.b. with pwr supply mod. cP-300 cost over $600. Will take $300. or make offer. Bill Laakkoner KA4AIT, 5680 SE indigo Ave., Stuart, FL 33494 305-287-4858.

SELL: Low operating hours Kenwood TS820S, service and operating manuals $785. Heath engine analyzer CM-1050 $55. FOB. F. S. Mc Cullough W4WWH, Rte 2 Box 286, Dunnellon, FL 32630.

FOR SALE: Hallicrafters HT-33A linear amplifier PL-172 tube (60 hours) manual $200. D-104 mike $20. National NC-105 all-band receiver $25. Vibroplex Delux model $20. Heathkit HD-..5 phone patch $20. Call for best time to see. Hank Hannah WA4FYT, 2442 SE 10th St., Pompano Beach, FL 33062

FOR SALE: Telrex TC-99D tri-band beam, Ham-M rotator and 30 Ft. steel tower with eave bracket and hinged base. Disassembled ready for pick-up $150. package. Jack Sproat W4LCL, 4981 SW 94 Terr., Cooper City, FL 33328 305 434-5004.

SWAN 100MX and PSU 5 power supply for sale, in new condition, 200 W. input, solid state finals, may be used as base or mobile, in cartons with warranty cards, microphone and mobile mounting bracket included. Cost $850. asking $650 or possible trade for TRS 80 computer or SSTV equipment. Tempo S-1 2M HT with case, rubber duck, and charger, new condition, cost $360. asking $275. N. Del More N2AXI/4, 9750 S.W. 161 St., Miami, FL 33157 305-253-1299.

TELETYPE KITS: ST-5X TERMINAL UNIT/AFSK/POWER SUPPLY. WRU. RTTY SCOPE AMPLIFIER. For details: Bomark, Inc. Box 7116, Hollywood, FL 33021, 305-962-7219.

FOR SALE: Century 21 just returned from factory check-up, A-1 condition. New list $399. my price $250. Verne Criswell, 9823 SW 133 Place., Miami, FL 33186 305 279-2088.

FOR SALE: Heath mod. 10-105, 10MHz, dual trace, triggered scope $175. Hy-Gain VIII console, 24 chnl, 10 meter SSB, 12W PEP, digital clock, 7 KHz spread clarifier, a.c. or d.c. operation, desk mike $150. Hy-Gain 40 chnl 10 meter SSB rig, 4kHz clarifier spread, with mike $110. A. Martinez WA4VUZ, 2181 NW 93 Ave. Pembroke pines, FL 33024, daytime 305 681-2611 after 7 pm 431-5931.

FREE: Complete set of FLORIDA SKIPs from the beginning. You pick up. Cathy Soehl W4BAV, 647 Jungle Way., Sarasota, FL 33580

RTTY - Solid state CQer board with PROM programmed your call. Coming soon. Send name/address for future announcements. Nat Stinnette Electronics, Tavares, FL 32778.

COLLINS STATION 32S1, 75S3, 516F2. All units in good condition. Complete with manuals. Best offer over $650. Cash, certified check or cashers check. A. M. Fischer K4BLH, 360 Church Rd., Tequesta, FL 33458 305 746-7328.

FOR SALE: ICOM-701, power supply, extension terminal IC-EX1, IC-RM2 controller. All new in August 1979, in orig. cartons and perfect $1300. FIRM! Pres Graham W4FDA, 1127 Cherry St., Jacksonville, FL 32205 Day 354-2808 Nite 389-3269

DX QSO ON TWO METERS

LU3DDF, Mario Brancaccio of Buenos Aires, Argentina worked Jorge Martinez WD4PRM on the Ameria Radio Club repeater 146.13/73 for about 3 to 4 minutes on September 15, 1979 at 0600 GMT. Jorgenow has his QSL to prove it. (Editor saw same - beautiful card.)

Mario is using a TS-700SP plus a 130 watt amp and only a dipole antenna up 210 feet. He is located about 19 miles North of B.A. (Info taken from QSL). He also told Jorge he often hears U.S. 2 meter stations but knows only spanish. Thanks to WD4NLG for above.

NIX ON NOAA WEATHER BROADCASTS

NOAA weather broadcasts may not be picked up from VHF stations and rebroadcast over local or even an individual Amateur station, despite some lingering confusion over this point of law. FCC rules – 97.61(c) – specifically prohibit the retransmission of any broadcast picked up outside the allocated Amateur sub-bands. Such weather broadcasts may be rebroadcast during times specified as weather emergencies by NOAA, however, and of course the periodic testing of emergency systems is not prohibited. Thanks to LIMARC. (From HR Report)

Midshipman Chris Biow, Winter Park as AAR4PQ of Army MARS. Chris tells us that experience handling MARS traffic helped to prepare him for the Military way of doing things. Chris plans on operating NNNØ NN, at the Navy MARS station at the Naval Academy.

NEW SATELLITE COMMS SYSTEM FOR PEACETIME DISASTERS ANNOUNCED .....

A program creating an Emergency Satellite Communications System (ESCS) to provide speedy communications in major disasters was announced today by Bardyl R. Tirana, Director of the Defense Civil Preparedness Agency. Proposals are now being requested.

The new system would apply modern satellite technology to solving problems arising from destruction or lack of conventional communications after a disaster occurs. Without restoration of communications, disaster relief forces cannot effectively be alerted or directed into action. The new system, however, will provide communications very quickly, saving lives and property that would otherwise be jeopardized.

Transportable ground stations with voice, data, and even television capability could be flown or trucked into a disaster area and be operational within two hours, making contact through the satellite repeater station. In present disasters, communications to affected areas often cut off for 24 to 48 hours or more. (Ed note: Notice they did not mention "amateur radio communications.")

The ESCS system will consist of:

1. A communications repeater, or transponder, in a satellite positioned 22,300 miles high so it can make direct contact with the continental United States, Alaska, Hawaii, Puerto Rico and the Virgin Islands.
2. A Network Operations Control Center for the system in the Washington, D. C. Area.
3. Sixty-two leased fixed ground terminals with multiple voice, data, and television capability. One would go to the capital of each State. Puerto Rico, the Virgin Islands, and the 10 Federal regional offices. Fifty-two strategically placed transportable ground terminals would also be provided, one to each State, P.R. and the Virgin islands.
4. Sixty-two leased portagle earth stations with single channel voice or data capability. These would go to the same place as the fixed ground terminals, but could easily be taken into disaster areas and set up quickly.

Tirana noted that, while this pioneering effort by DCPA makes a first in the use of satellite communications for disaster mitigation, the satellite communications technology is alreadywell established. With development cost already paid for, it means the system can be set up at modest cost, estimated about 4 million dollars a year for the first five years.

The ESCS system is expected to go into service sometime in 1980-81 under control of the Federal Emergency Management Agency. FEMA will become operational early in 1979.

The use of autopatches for dialing local weather reports is not, despite recent published reports, illegal. Since these weather reports are not originated as "broadcasts" their retransmission by Amateur stations – either repeater or individual – is not a violation of FCC rules. (Also from HR Report)